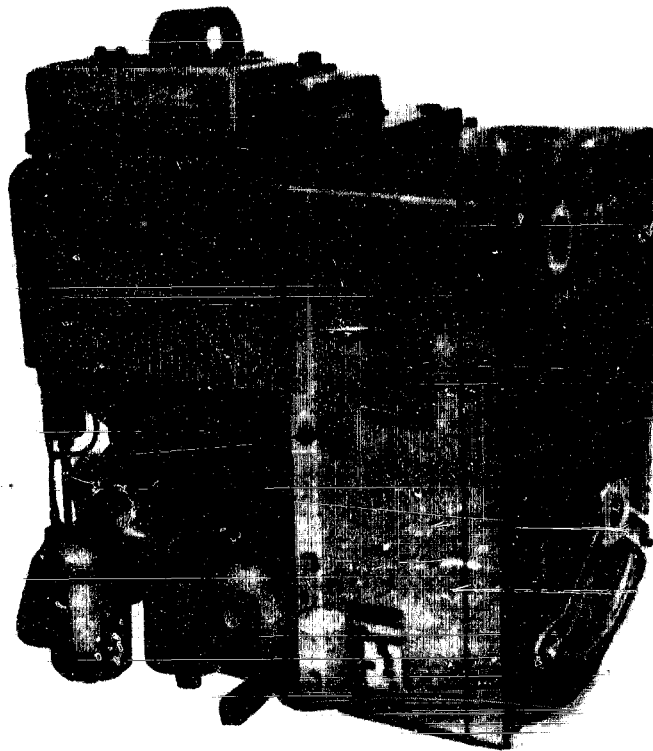


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# Parts Catalog

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SERIES  
**DJB**  
Engine



# GENERAL INFORMATION

## INSTRUCTIONS FOR ORDERING REPAIR PARTS

For parts or service, contact the dealer from whom you purchased this equipment or refer to your Nearest Authorized Onan Parts and Service Center.

To avoid errors or delay in filling your parts order, please furnish all information requested.

Always refer to the nameplate on your unit.

- 1 Always give the MODEL, SPEC NO and SERIAL NO.

The diagram shows a rectangular nameplate with rounded corners and two circular mounting holes at the top. The Onan logo is prominently displayed at the top center. Below the logo is a large rectangular box labeled "MODEL AND SPEC NO.". At the bottom left, the text "SERIAL NO." is followed by a smaller rectangular box for the serial number. A small number "M-1148" is printed at the bottom right corner of the nameplate.

For handy reference, insert "YOUR" nameplate information in the spaces above.

2. Do not order by reference number; always use part number and description.
3. Give the part number, description and quantity needed of each item. If an older part cannot be identified, return the part prepaid to your dealer or nearest Onan Parts and Service Center. Print your name and address plainly on the package. Write a letter to the same address stating the reason for returning the part.
4. State definite shipping instructions. Any claim for loss or damage to your unit in transit should be filed promptly against the transportation company making the delivery. Shipments are complete unless the packing list indicates items are back ordered.

Prices are purposely omitted from this Parts Catalog due to the confusion resulting from fluctuating costs, import duties, sales taxes, exchange rates, etc.

For current parts prices, consult your Onan Dealer, Distributor or Parts and Service Center.

"En esta lista de partes los precios se omiten de proposito, ya que bastante confusion resulto de fluctuaciones de los precios, derechos aduanales, impuestos de venta, cambios extrajeros, etc."

Consiga los precios vigentes de su distribuidor de productos "ONAN."

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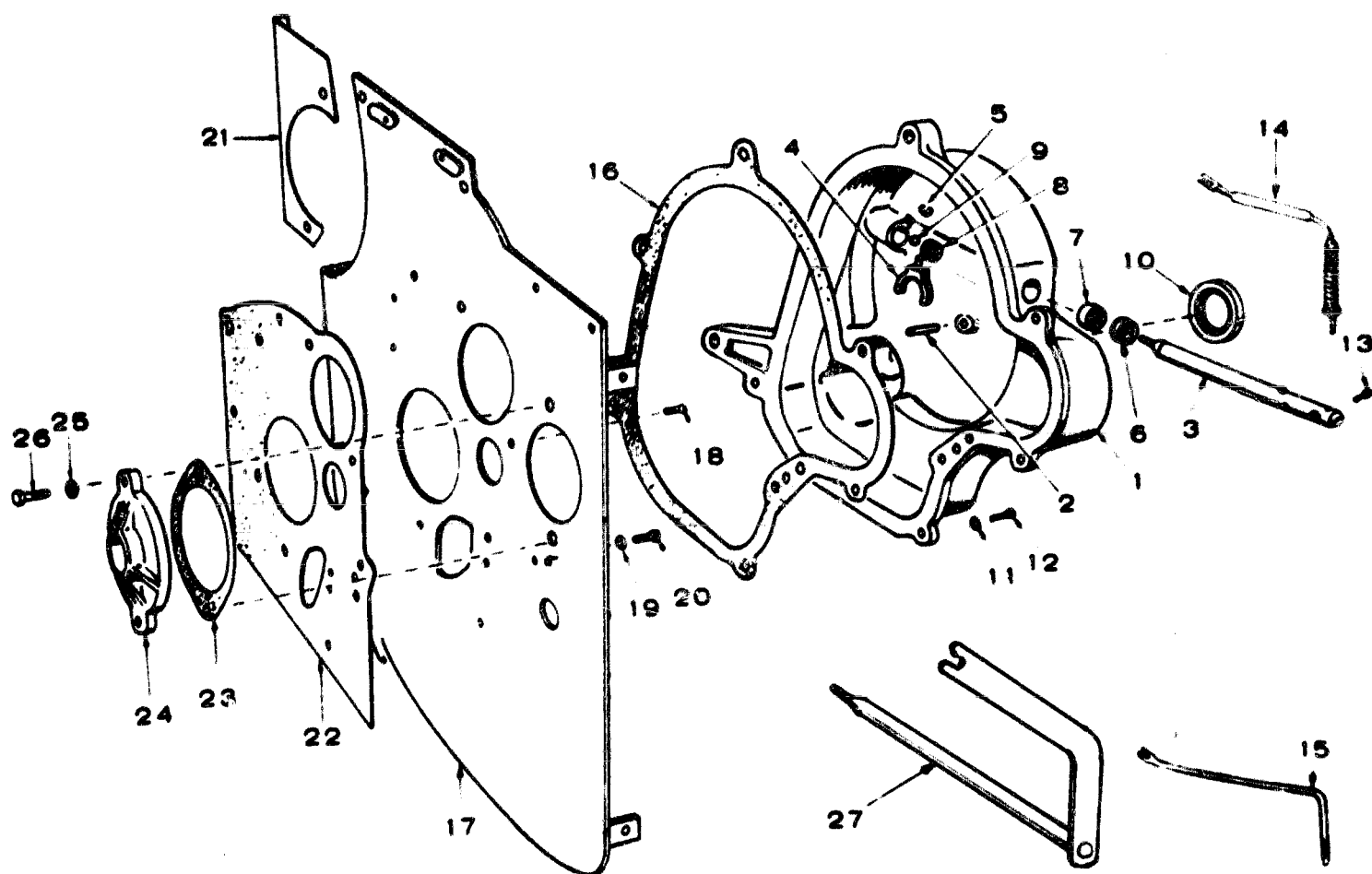
# INTRODUCTION

This catalog applies to the industrial DJB Engines below and factory installed options. Parts are arranged in groups of related items. Each illustrated part is identified by a reference number corresponding to the same reference number in the parts list for that group. Parts illustrations are typical. Using the *Model* and *Spec No.* from the engine nameplate, select the Parts that apply to your Engine Model and Spec No. Unless otherwise mentioned in the description, parts are interchangeable between models. Right and left engine sides are determined by *facing* the blower end (front) of the engine. The specification letter advances (A to B, B to C etc.) with manufacturing changes.

## STANDARD ENGINE PARTS SECTION

This section contains the engine parts used on standard engines listed in the Engine Data table.

# GEARCASE

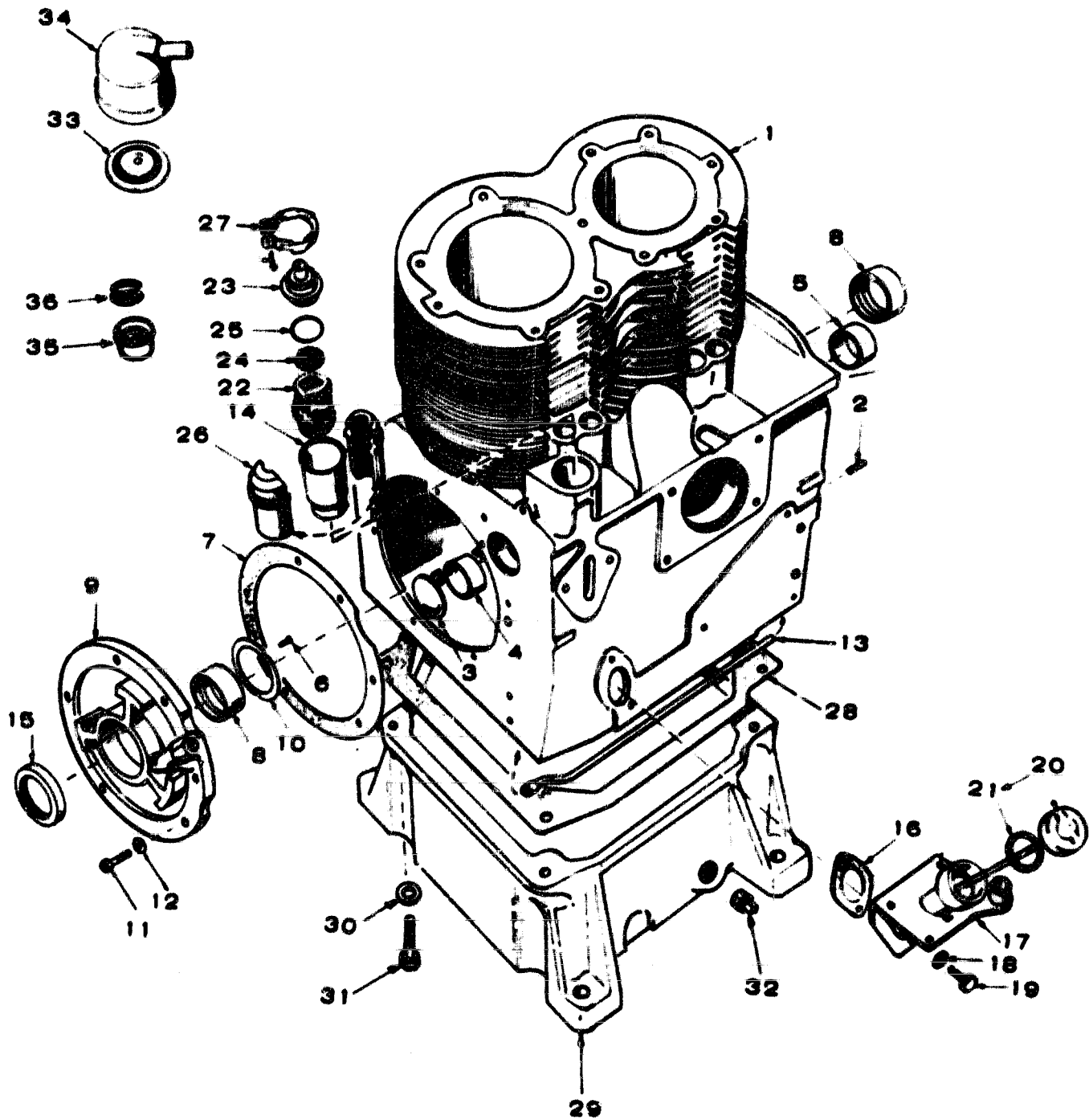


REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	103-0277	1	Gearcase Assembly (Includes parts marked *) <b>NOTE:</b> Spec A through Serial #692458 During Spec C Also Order 150-0251 Governor Arm and 103-0251 Gear Cover Gasket Serial #692459 During Spec C through Spec U Also Order 103-0251 Gear Cover Gasket
2	516-0111	1	*Pin, Roll - Cup Stop
3	150-0838	1	*Shaft, Governor
4	150-0777	1	*Yoke, Governor
5	518-0129	1	*Ring, Yoke Retaining
6	509-0088	1	*Seal, Oil
7	510-0048	1	*Bearing, Governor Shaft (1/2")
8	510-0082	1	*Bearing, Governor Shaft (1/4")
9	BALL, GOVERNOR SHAFT THRUST		
	510-0043	1	*Begin Serial #692459 During Spec C (5/16")
	510-0014	1	Spec A Through Serial #692458 During Spec C (3/16")
10	509-0087	1	*Seal, Oil
11	850-0045	5	Washer, Lock - Spring (5/16")
12	SCREW, CAP - HEX HEAD		
	800-0028	1	5/16-18 x 1"
	110-0879	4	5/16-18 x 1-1/4"
13	815-0176	1	Screw, Cap - Hex Head (#8-32 x 1/2")
14	150-1095	1	Arm Assembly, Governor (Begin Spec R)

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
15	150-0847	1	Arm, Governor - Serial #692459 During Spec C Through Q
16	GASKET, GEARCASE		
	103-0251	1	Begin Serial #692459 During Spec C (Die Cast Cover)
	103-0219	1	Spec A Through Serial #692458 During Spec C (Cast Iron Cover)
17	103-0271	1	Backplate
18	814-0148	2	Screw, Machine - Flat Head (1/4-20 x 1/2")
19	850-0045	1	Washer, Lock - Spring (5/16")
20	800-0026	1	Screw, Cap - Hex Head (5/16-18 x 3/4")
21	134-1532	1	Baffle, Backplate
22	103-0218	1	Gasket, Backplate
23	160-0721	1	Gasket, Cover
24	103-0221	1	Cover, Backplate Opening
25	850-0050	2	Washer, Lock - Spring (3/8")
26	800-0051	2	Screw, Cap - Hex Head (3/8-16 x 1-1/4")
27	150-0825	1	Arm and Shaft, Spec A Through Serial #692458 During Spec C (Order 150-0838 Shaft 150-0847 Arm and 815-0176 Screw)

\* - Parts included in 103-0277 Gearcase Assembly.

## CYLINDER BLOCK AND OIL BASE



## CYLINDER BLOCK AND OIL BASE

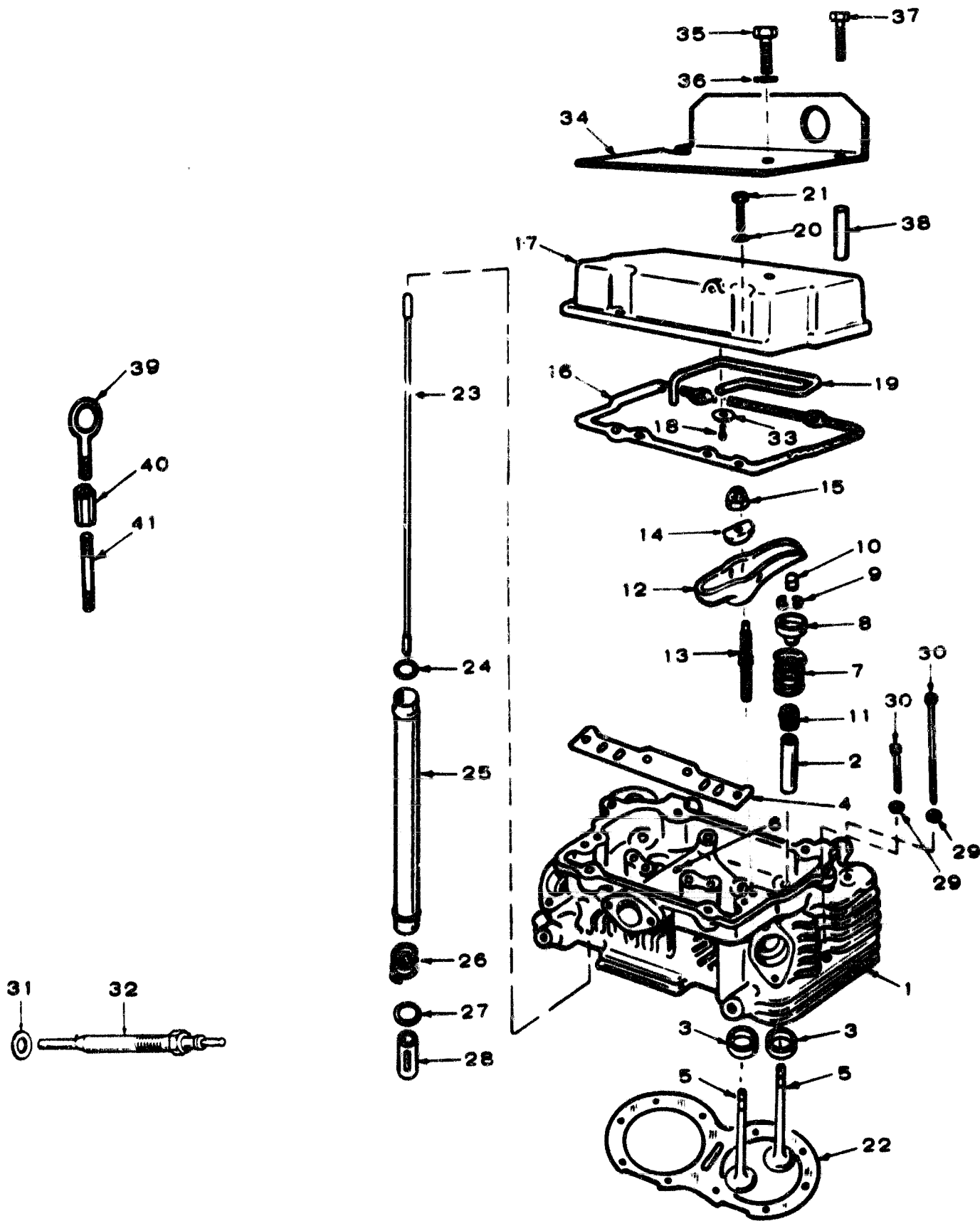
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	110-1330	1	Block Assembly, Cylinder (Includes Parts Marked *)
2	516-0141	2	*Pin, Gear Cover Alignment
3	517-0053	1	*Plug, Camshaft Opening
4	101-0365	1	*Bearing, Precision - Camshaft Rear
5	101-0363	1	*Bearing, Precision - Camshaft Front
6	516-0072	4	*Pin, Crankshaft Thrust Washer
7	101-0386	1	*Gasket and Shim Kit, Bearing
8	BEARING, PRECISION - MAIN		
	101-0359	2	*Standard
	101-0359-02	2	.002" Undersize
	101-0359-10	2	.010" Undersize
	101-0359-20	2	.020" Undersize
	101-0359-30	2	.030" Undersize
9	101-0337	1	*Plate, Rear Bearing
10	104-0420	2	*Washer, Thrust - Crankshaft
11	805-0019	6	*Bolt, Plate - Rear Bearing Plate - Special
12	526-0245	6	*Washer, Flat ( .391 ID x .625 OD x .598 Thk)
13	120-0553	1	*Tube, Crankcase Oil
14	TUBE, BREATHER		
	123-0952	1	*Begin Spec S
	123-0545	1	*Spec A Through R
15	509-0086	1	Seal, Oil - Crankshaft Rear
16	123-0667	1	Gasket, Oil Fill Tube
17	TUBE, OIL FILL		
	123-1085	1	Begin Spec S
	123-0681	1	Specs A Through R
18	850-0045	2	Washer, Lock - Spring (5/16")
19	800-0026	2	Screw, Cap - Hex Head (5/16-18 x 3/4")

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
20	CAP AND INDICATOR (Includes Gasket)		
	123-1058	1	Begin Spec S
	123-0651	1	Specs A Through R
21	123-0191	1	Gasket, Oil Fill Cap
22	123-1283	1	Baffle, Breather
23	123-0954	1	Cap and Valve - Breather Tube - Begin Spec S
24	SCREEN, BREATHER TUBE		
	123-0958	1	Spec S Through U
	123-1202	1	Begin Spec V
24	123-0958	1	Screw, Breather Tube - Begin Spec S
25	509-0117	1	Gasket "O" Ring - Breather Cap - Begin Spec S
26	123-0998	2	Insulator (Half) - Breather Begin Spec S
27	518-0268	1	Clamp, Breather Insulator Begin Spec S
28	102-0451	1	Gasket, Oil Base
29	102-0448	1	Base, Oil
30	850-0055	4	Washer, Lock - Spring (7/16")
31	800-0073	4	Screw, Cap - Hex Head (7/16-14 x 1-1/2")
32	505-0056	1	Plug, Oil Drain (1/2")
33	123-0315	1	Valve, Breather - Spec A Through R
34	CAP, BREATHER TUBE		
	123-0787	1	Specs E Through R
	123-0458	1	Specs A Through D
35	123-1153	1	Cup, Baffle - Begin Spec V
36	123-1201	1	Retainer, Screen - Begin Spec V

\* - Parts included in 110-1330 Cylinder Block Assembly



CYLINDER HEAD



## CYLINDER HEAD

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	HEAD, CYLINDER		With Valves (Includes Parts Marked #)
	110-2993	1	Spec A Thru N
	110-2940	1	Begin Spec P
			Without Valves (Includes Parts Marked *)
	110-2701	1	Spec A Thru N
	110-2941	1	Begin Spec P
2	*GUIDE, VALVE		
	110-1501	4	Early Style
			Late Style
	110-1869	2	*Intake
	110-1870	2	*Exhaust
3	INSERT, VALVE SEAT		
	110-1268	4	*Standard
	110-1268-02	4	.002" Oversize
	110-1268-05	4	.005" Oversize
	110-1268-10	4	.010" Oversize
	110-1268-25	4	.025" Oversize
4	115-0196	1	*Guide, Push Rod
5	*VALVE		
	110-1278	2	*Exhaust
			Intake
	110-1320	2	Early Style
	110-1871	2	*Late Style
6	505-0008	1	*Plug, Pipe - Slotted Head
7	110-1221	4	*Spring, Valve
8	110-1220	4	*Retainer, Valve Spring
9	110-0858	8	*Lock, Valve Spring Retainer
10	110-0859	4	Cap, Valve Stem
11	*SEAL, OIL - INTAKE VALVE		
	509-0090	2	Early Style
	509-0132	2	*Late Style
12	ARM, ROCKER		
	115-0128	2	Exhaust
	115-0129	2	Intake
13	115-0152	4	*Stud, Rocker Arm
14	115-0127	4	Ball, Rocker Arm
15	115-0150	4	Nut, Lock - Rocker Arm
16	115-0130	1	Gasket, Rocker Cover
17	115-0134	1	Cover, Rocker (Includes Parts Marked *)
18	809-0042	1	*Screw, Tapping (#10-5/16")
19	120-0628	1	*Line, Oil - Rocker Cover
20	650-0045	4	Washer, Lock - Spring (5/16")
21	800-0030	4	Screw, Cap - Hex Head (5/16-18 x 1-1/4")
22	110-1223	1	Gasket, Cylinder Head
23	115-0149	4	Rod, Push - Valve
24	509-0084	8	Seal, "O" Ring - Shield
25	115-0151	4	Shield, Push Rod
26	115-0146	4	Spring, Retaining, Shield
27	115-0155	8	Washer, Shield
28	TAPPET, VALVE		
	115-0195	4	Begin Spec P
	115-0132	4	Specs A Through N
29	526-0174	7	Washer, Flat (.406" ID x .781" OD x .1345 Thk)
30	SCREW, CAP - HEX HEAD		
	800-0503	6	3/8-16 x 1-3/4"
	110-1264	5	3/8-16 x 4-1/4"
31	110-0546	2	Gasket, Glow Plug
32	333-0108	2	Glow Plug (Includes Gasket)
33	526-0130	1	*Washer, Flat (17/64" ID x 1" OD x 1/16" Thk)
34	403-0860	1	Bracket, Lifting
35	800-0091	1	Screw, Cap - Hex Head (1/2-13 x 1-1/4")

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
37	800-0038	2	Screw, Cap - Hex Head (5/16-18 x 3-1/4")
38	403-0826	2	Spacer
39		1	Bolt, Lifting - Early Models (Order 403-0707 Lifting Bracket)
40	403-0620	1	Nut, Extension - Early Models (Used with Lifting Eye Bolt only)
41	520-0626	1	Stud, Cylinder Head - Early Models (Used with Lifting Eye Bolt only)

- # - Parts included in 110-2993 and 110-2940 Cylinder Heads
- \* - Parts included in 110-2701 and 110-2941 Cylinder Heads
- - Parts included in 115-0134 Rocker Cover

\* - **NOTE:** Due to manufacturing changes, replacement parts for the intake valve, valve guide and valve stem oil seal must be used in the proper combination.

The 509-0090 oil seal must be used with the 110-1320 intake valve and the 110-1501 valve guide.

The 509-0132 oil seal must be used with the 110-1871 intake valve and the 110-1869 valve guide.

For identification, Figure 1 illustrates the top view of the valves and Figure 2 illustrates a cross section of the valve stem oil seals.

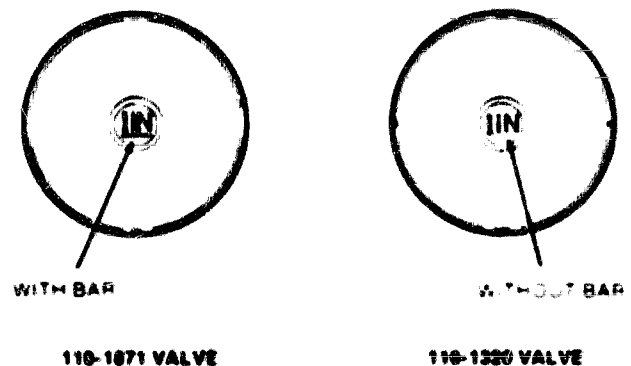


FIGURE 1. VALVE IDENTIFICATION

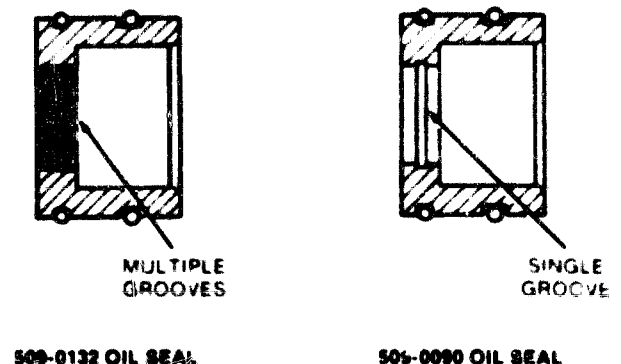
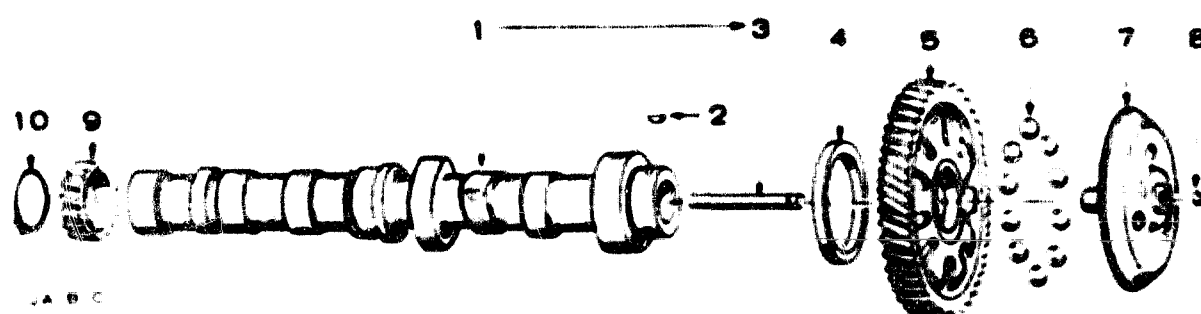


FIGURE 2. OIL SEAL IDENTIFICATION

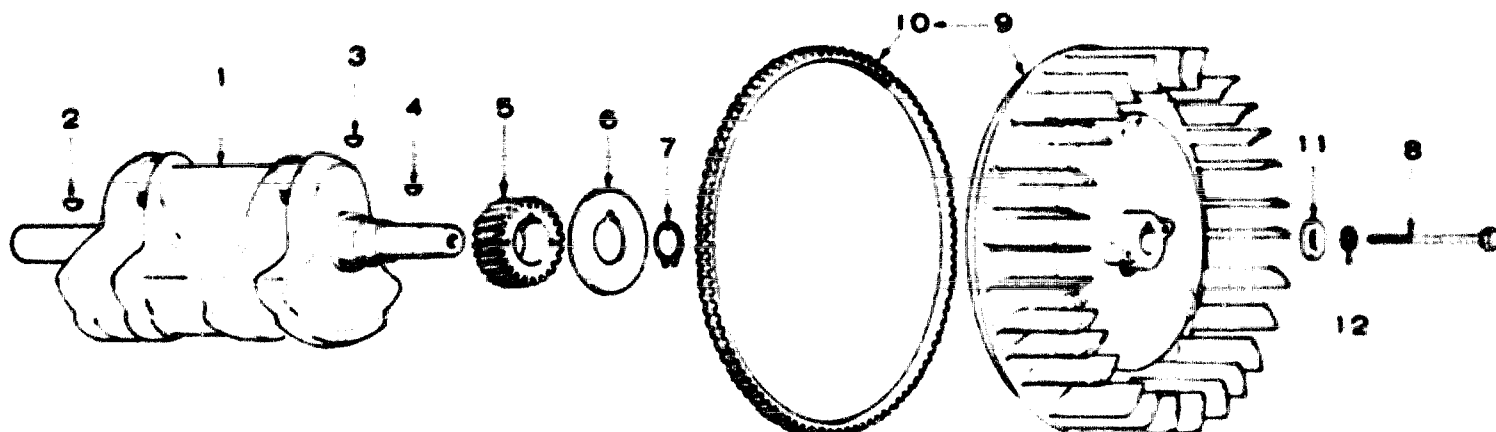
## CAMSHAFT



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	CAMSHAFT INCLUDES PIN		
	105-0221	1	Spec A Through N
	105-0271	1	Begin Spec P
2	515-0001	2	Key, Camshaft Gear and Injection Pump
3	150-0075	1	Pin, Camshaft Center
4	105-0205	1	Washer, Thrust
5	105-0218	1	Gear, Camshaft (Includes Spacer and Plate)

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
6	510-0045	10	Ball, Fly - Governor
7	150-0775	1	Cup, Governor
8	150-0078	1	Ring, Center Pin
9	147-0142	1	Gear, Injection Pump Drive
10	518-0185	1	Ring, Injection Pump Drive Gear

## CRANKSHAFT AND FLYWHEEL

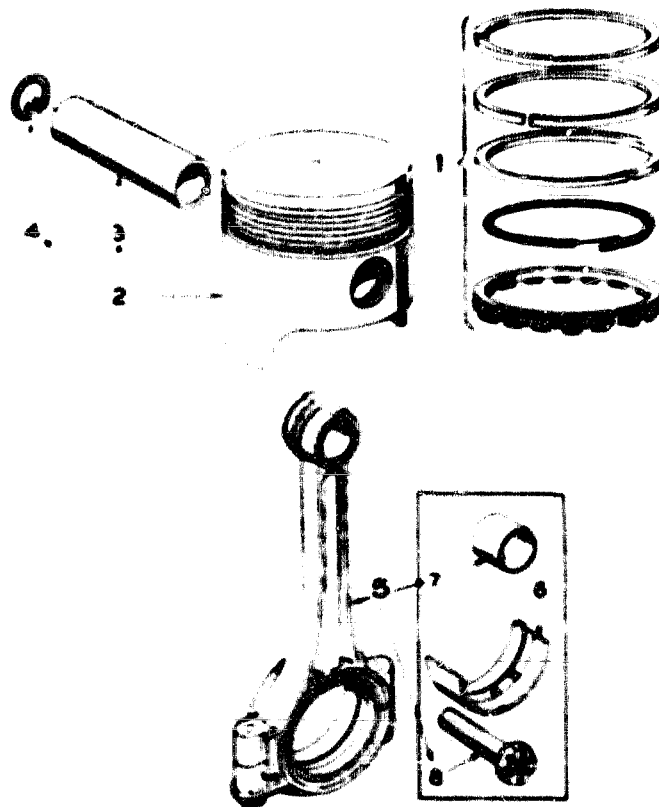


REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	104-0450	1	Crankshaft
2	515-0003	1	Key, Crankshaft
3	515-0001	1	Key, Gear
4	515-0153	1	Key, Flywheel
5	104-0418	1	Gear, Crankshaft
6	104-0416	1	Washer, Retaining
7	518-0188	1	Ring, Lock
8	800-0500	1	Screw, Cap - Hex Head (7/16-14 x 5-1/2")

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
9	104-0470	1	Flywheel (Includes Ring Gear)
10	104-0423	1	Gear, Ring
11	526-0185	1	Washer, Flat (15/32" ID x 1-1/2" OD x 3/8" Thk)
12	850-0055	1	Washer, Lock - Spring (7/16")

\* Flywheel differs on engines with Flywheel Alternator and/or Clutch. See Optional parts groups

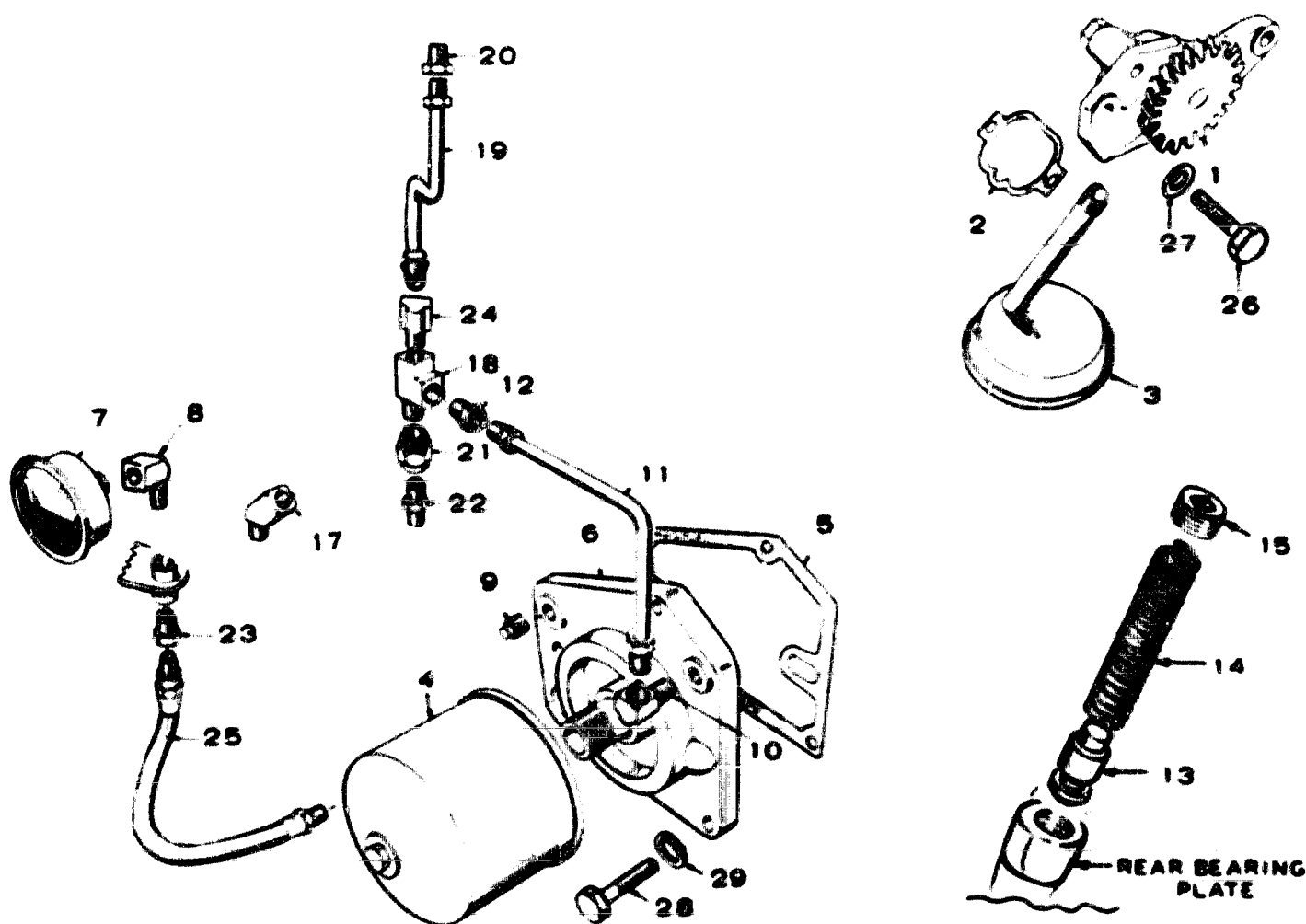
## PISTON AND ROD



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	RING SET, PISTON		
	113-0130	2	Standard
	113-0130-05	2	.005" Oversize
	113-0130-10	2	.010" Oversize
	113-0130-20	2	.020" Oversize
	113-0130-30	2	.030" Oversize
	113-0130-40	2	.040" Oversize
2	PISTON AND PIN (INCLUDES RETAINING RINGS)		
	Begin Spec P		
	112-0109	2	Standard
	112-0109-05	2	.005" Oversize
	112-0109-10	2	.010" Oversize
	112-0109-20	2	.020" Oversize
	112-0109-30	2	.030" Oversize
	112-0109-40	2	.040" Oversize
	Spec A Through N		
	112-0103	2	Standard
	112-0103-05	2	.005" Oversize
	112-0103-10	2	.010" Oversize
	112-0103-20	2	.020" Oversize
	112-0103-30	2	.030" Oversize
	112-0103-40	2	.040" Oversize

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
3	PIN, PISTON		
	112-0083	2	Standard
4	112-0085	4	Ring, Retaining - Pin
5	114-0163	2	Rod Assembly, Connecting (Forged)
6	BEARING HALF, CONNECTING ROD		
	114-0164	4	Standard
	114-0164-02	4	.002" Undersize
	114-0164-10	4	.010" Undersize
	114-0164-20	4	.020" Undersize
	114-0164-30	4	.030" Undersize
7	114-0170	4	Bushing, Piston Pin - Connecting Rod - Semi-Finished
8	805-0012	4	Bolt, Place - 5/16-24 x 1-13/16"

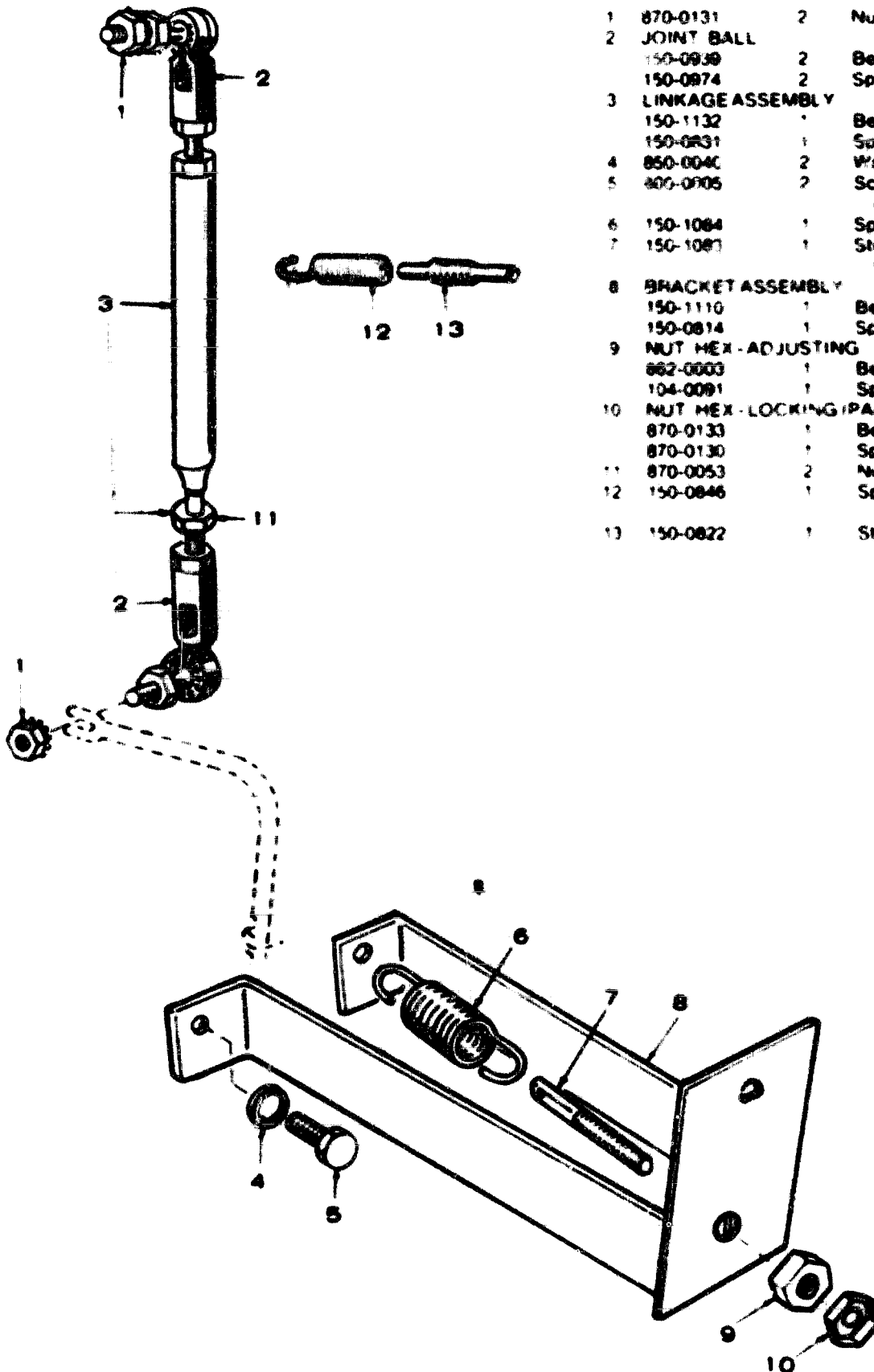
# OIL SYSTEM



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	120-0547	1	Pump Assembly, Oil
2	120-0580	1	Gasket Kit, Pump
3	120-0551	1	Cup Assembly, Oil Pump Intake
4	122-0185	1	Filter, Oil
5	122-0188	1	Gasket, Adapter
6	122-0182	1	Adapter, Oil Filter
7	193-0006	1	Gauge, Oil Pressure
8	502-0020	1	Elbow (Street - 90°) - Oil Gauge - Begin Spec S
9	505-0057	1	Plug (1/8) - Adapter
10	ELBOW, INVERTED MALE - OIL LINE TO FILTER ADAPTER		
	502-0037	1	Begin Spec P
	502-0019	1	Specs A Through N
11	LINE, ADAPTER TO INJECTION PUMP TEE		
	120-0614	1	Begin Spec P
	120-0584	1	Specs A Through N
12	CONNECTOR, INVERTED MALE - INJECTION PUMP LUBRICATION TEE (Restricted)		
	502-0274	1	Begin Spec P
	502-0030	2	Specs A Through N
13	120-0539	1	Valve, Oil By-Pass
14	120-0555	1	Spring, By-Pass Valve
15	505-0274	1	Plug (1/8) - Oil By-Pass
17	502-0053	1	Elbow (45°) Oil Gauge Specs A Through R
18	502-0242	1	Tee (Restricted) - Injection Pump Lubrication

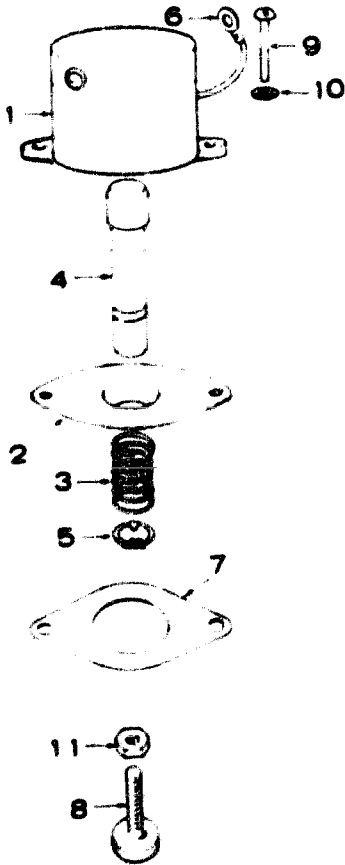
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
19	LINE OIL - INJECTION PUMP TEE TO CYLINDER HEAD		
	120-0533	1	Begin Spec P
	120-0583	1	Specs A Through N
20	CONNECTOR (Restricted) - OIL LINE TO CYLINDER HEAD		
	502-0281	1	Begin Spec P
	502-0235	1	Specs A Through N
21	502-0051	1	Coupling Tee to Injection Pump - Begin Spec P
22	502-0082	1	Ripple Tee to Injection Pump - Begin Spec P
23	502-0003	1	Connector, Oil Fill Bracket to Oil Line - Begin Spec S
24	502-0037	1	Elbow Injection Pump Lubrication Tee - Begin Spec P
25	501-0003	1	Line Oil - Begin Spec S
26	800-0030	2	Screw, Hex Cap - Oil Pump Mounting (5-16-18 x 1-1/4")
27	850-0045	2	Washer, Lock - Oil Pump Mounting (5-16")
28	800-0028	3	Screw, Hex Cap - Oil Filter Adapter Mounting (5-16-18 x 1")
29	850-0045	3	Washer, Lock - Oil Filter Adapter Mounting (5-16")

# GOVERNOR



REF. NO	PART NO.	QTY USED	PART DESCRIPTION
1	870-0131	2	Nut Hex Locking (#10-32)
2	JOINT BALL		
	150-0830	2	Begin Spec R
	150-0874	2	Specs A Through Q
3	LINKAGE ASSEMBLY		
	150-1132	1	Begin Spec R
	150-0831	1	Specs A Through Q
4	850-0040	2	Washer Lock - Spring (1.4")
5	800-0005	2	Screw Cap - Hex Head (1/4-20 x 3/4")
6	150-1084	1	Spring Governor - Begin Spec R
7	150-1087	1	Stud Governor Adjusting Begin Spec R
8	BRACKET ASSEMBLY		
	150-1110	1	Begin Spec R
	150-0874	1	Specs A Through Q
9	NUT HEX - ADJUSTING		
	862-0003	1	Begin Spec R (3.8-16)
	104-0091	1	Specs A Through Q (3.8-24)
10	NUT HEX - LOCKING (PALNUT)		
	870-0133	1	Begin Spec R (3.8-18)
	870-0130	1	Specs A Through Q (3.8-24)
11	870-0053	2	Nut Hex (#10-32)
12	150-0846	1	Spring Governor - Spec. A Through Q
13	150-0822	1	Stud Governor Adjusting Specs A Through Q

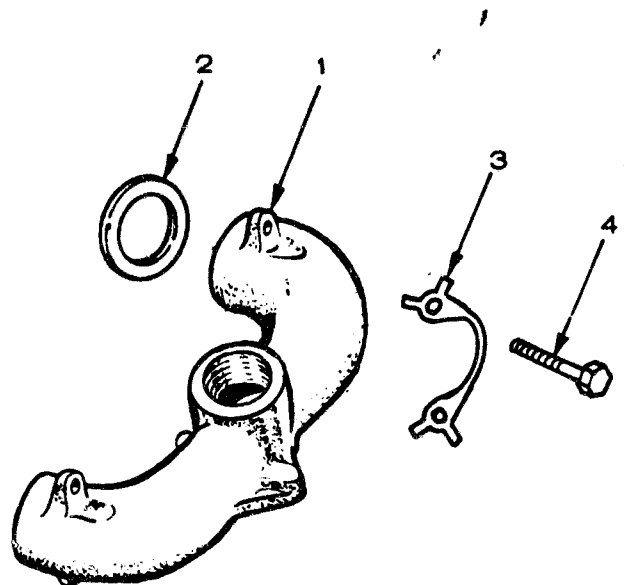
## STOP SOLENOID



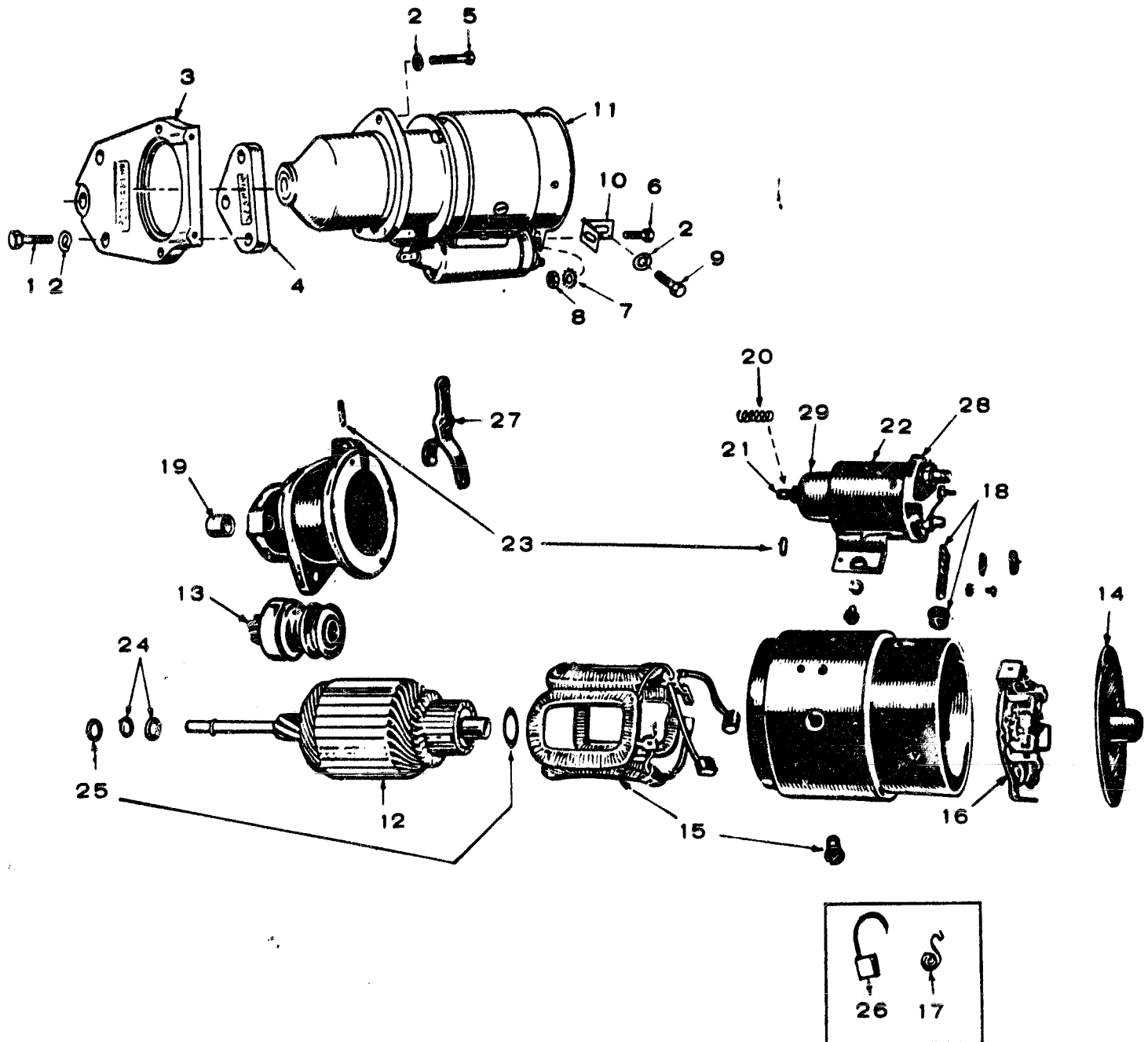
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	307-0628	1	Solenoid, Stopping
2	306-0162	1	Retainer, Plunger
3	306-0161	1	Spring, Plunger
4	306-0159	1	Plunger
5	518-0203	1	Ring, Retaining
6	336-0706	1	Lead, Solenoid Ground
7	150-0963	1	Gasket, Solenoid Mounting
8	800-0007	1	Screw, Cap - Hex Head (1/4-20 x 1")
9	812-0148	2	Screw, Machine - Round Head (1/4-20 x 1/2")
10	850-0040	2	Washer, Lock - Spring (1/4")
11	862-0001	1	Nut, Hex (1/4-20)

## EXHAUST MANIFOLD

REF NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	154-0633	1	Manifold, Exhaust
2	154-0463	2	Gasket, Exhaust Manifold
3	154-1665	2	Tab. Lock
4	114-0022	4	Screw, Cap. - Hex Head Hardened (5/16-18 x 1-3/4 )



# STARTER

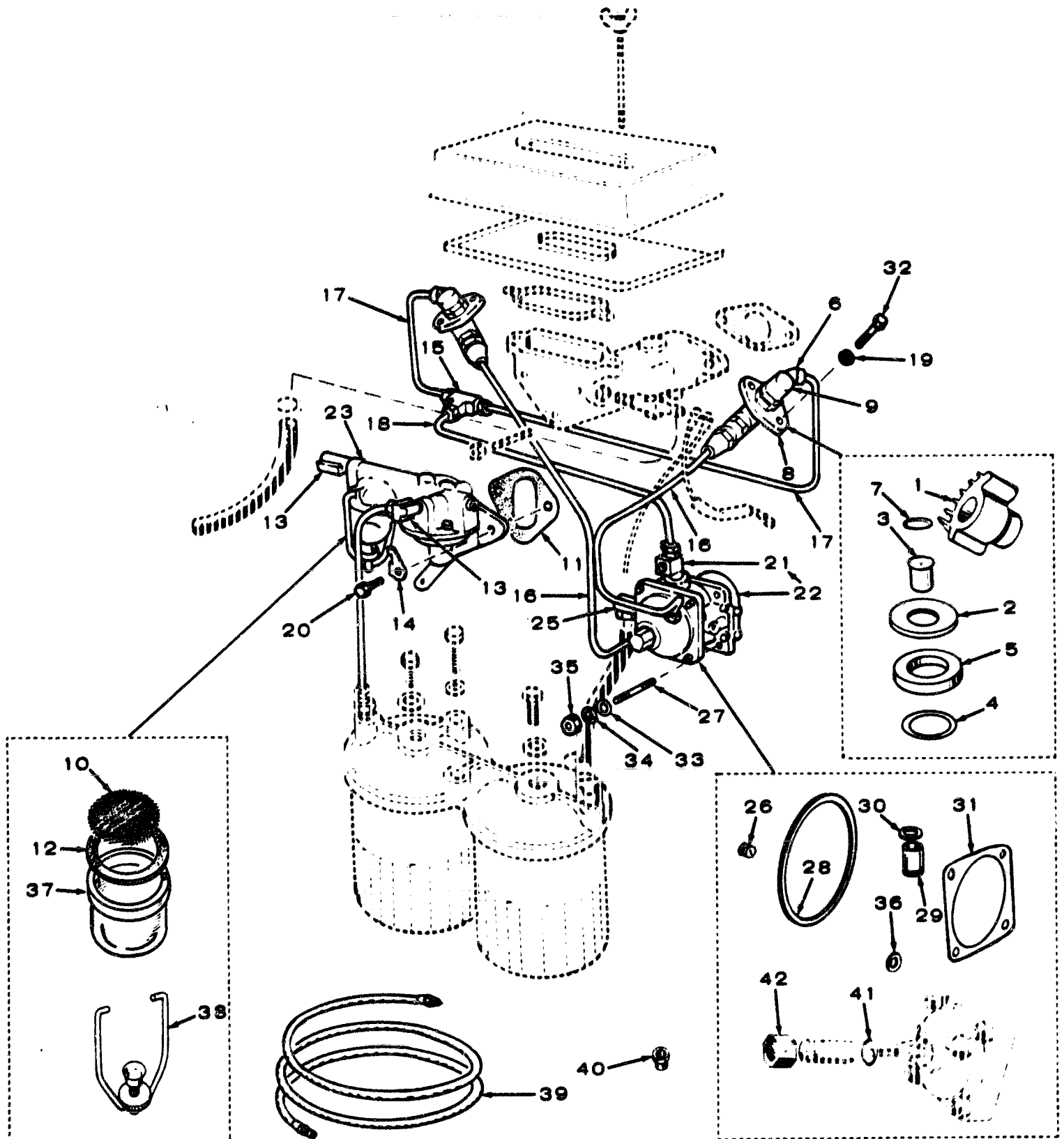


REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	800-0054	3	Screw, Cap - Hex Head (3/8-16 x 2")
2	850-0050	7	Washer, Lock - Spring (3/8")
3	191-0512	1	Flange, Mounting
4	191-0311	1	Spacer, Flange
5	800-0051	2	Screw, Cap - Hex Head (3/8-16 x 1-1/4")
6	800-0046	1	Screw, Cap - Hex Head (3/8-16 x 1/2")
7	856-0010	1	Washer, Lock - EIT (3/8")
8	864-0003	1	Nut, Hex (3/8-16)
9	800-0052	2	Screw, Cap - Hex Head (3/8-16 x 1-1/2")
10	191-0365	1	Bracket, Support
11	191-0324	1	Starter
12	191-0712	1	Armature
13	191-0432	1	Clutch
14	191-1023	1	Head Assembly (Commutator End)

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
15	191-1024	1	Coil Package, Field
16	191-1025	1	Plate Assembly, Brush
17	191-1020	1	Spring Set, Brush (Set of 4)
18	191-1026	1	Connector Package
19	191-0497	1	Bearing, Drive End
20	191-1027	1	Spring, Plunger
21	191-1028	1	Core Assembly, Moving
22	191-0433	1	Switch, Solenoid (Includes Cover and Boot)
23	191-1029	1	Yoke Parts Package
24	191-1030	1	Stop & Lock Ring Package Pinion
25	191-1031	1	Thrust Washer Package, Armature
26	191-0434	1	Brush Set
27	191-1032	1	Yoke
28	191-0468	1	Cover, Solenoid
29	191-1134	1	Boot Rubber, Solenoid



# FUEL PUMP AND INJECTION SYSTEM

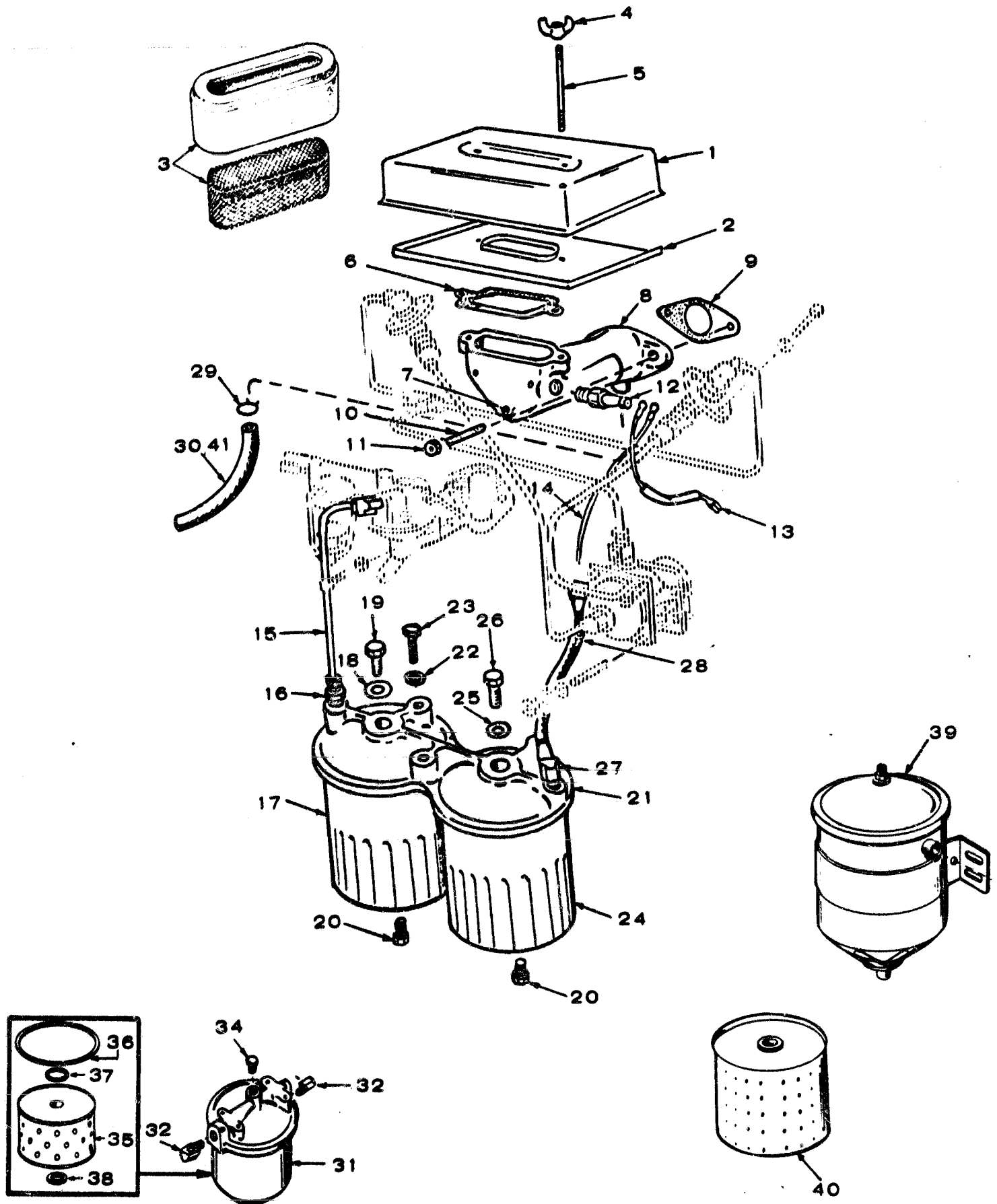


## FUEL PUMP AND INJECTION SYSTEM

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	149-1046	1	Repair Kit, Fuel Pump (Includes Diaphragm and Gaskets) <b>NOTE:</b> Does not apply for AC pumps	25	ELBOW, INJECTION PUMP INLET		
				502-0039	1		Begin Spec S
				502-0054	1		Specs A Through R
1	ADAPTER, INJECTION NOZZLE			26	BUTTON, INJECTION PUMP PLUNGER		
	147-0133	1	Number 1 Cylinder	147-0147	1		.119 - Marked 1 or A
	147-0132	1	Number 2 Cylinder	147-0148	1		.116 - Marked 2 or B
2	147-0043	2	Gasket, Nozzle Head	147-0149	1		.113 - Marked 3 or C
			Shield (Asbestos)	147-0150	1		.110 - Marked 4 or D
3	147-0134	2	Nozzle Only (Component of Nozzle and Holder Assembly)	147-0151	1		.107 - Marked 5 or E
4	110-0419	2	Gasket, Shield to Head (Copper)	147-0161	1		.104 - Standard Marked 11 or No Mark
5	147-0044	2	Shield, Nozzle Heat (Steel)	147-0152	1		.101 - Marked 6 or F
6	502-0065	2	Elbow, Inverted Male (45°)	147-0153	1		.098 - Marked 7 or H
7	147-0243	2	Gasket, Nozzle	147-0154	1		.095 - Marked 8 or J
8	147-0141	2	Flange, Injection Nozzle	147-0155	1		.092 - Marked 9 or K
			Holddown	147-0156	1		.089 - Marked 10 or L
9	147-0136	2	Nozzle and Holder Assembly	147-0190	1		.122 - Marked 12 or M
10	149-0463	1	Screen, Fuel Pump Filter	147-0189	1		.125 - Marked 13 or N
11	149-0792	1	Gasket, Fuel Transfer Pump Mounting	147-0188	1		.128 - Marked 14 or P
12	149-0517	1	Gasket, Fuel Pump Bowl	147-0187	1		.131 - Marked 15 or R
13	502-0002	2	Elbow, Fuel Pump Inlet and Outlet	147-0186	1		.134 - Marked 16 or S
14	149-1307	2	Washer, Flange - Fuel Pump Mounting	27	520-0129	4	Stud, Injection Pump Mounting
15	502-0102	1	Adapter, Return Lines	28	509-0094	1	Seal, "O" Ring
16	LINE, INJECTION PUMP TO NOZZLE						Injection Pump to Crankcase
			Begin Spec R	29	147-0182	1	Tappet, Injection Pump
	149-1101	1	#1 Cylinder	30	147-0196	1	Gasket, "O" Ring - Injection Pump Tappet
	149-1102	1	#2 Cylinder	31	147-0145	1	Shim Kit, Injection Pump Mounting
			Specs A Through Q	32	800-0508	4	Screw, Cap - Hex Head (5/16-18 x 2-3/4")
	149-0961	1	#1 Cylinder	33	526-0022	4	Washer, Flat (21/64" ID x 9/16" OD x 1/16" Thk)
	149-0962	1	#2 Cylinder	34	850-0045	4	Washer, Lock - Spring (5/16")
17	LINE, NOZZLE FUEL RETURN			35	862-0015	4	Nut, Hex (5/16-18)
			Begin Spec P	36	147-0259	1	Ring, Retaining - Timing Button
	149-1056	1	#1 Cylinder	37	*BOWL, FUEL PUMP SEDIMENT		
	149-1057	1	#2 Cylinder	149-0116	1		2-3/8" Long
			Specs A Through N	149-1168	1		1-5/8" Long
	149-0863	1	#1 Cylinder	38	*BAIL, FUEL PUMP SEDIMENT BOWL		
	149-0864	1	#2 Cylinder	149-1006	1		3-5/8" Long
18	LINE, INJECTION PUMP TO FUEL RETURN			149-1169	1		2-7/8" Long
	LINES TEE			39	501-0007	2	Line, Fuel (28")
	149-1058	1	Begin Spec P	40	502-0176	1	Adapter, Pipe - Bleeder Valve to Pump (Early Models)
	149-0950	1	Specs A Through N	41	147-0254	1	Gasket, Delivery Valve Cap
19	526-0122	4	Washer, Flat (11/32" ID x 23/32" OD x 10 Ga.)	42	147-0253	1	Cap, Delivery Valve
30	800-0027	4	Screw, Cap - Hex Head (5/16-18 x 7/8")				
21	147-0183	1	Valve, Bleeder - Injection Pump				
22	PUMP, FUEL INJECTION						
	147-0219	1	Begin Spec R				
			(Includes Buttons 1,2,12,13)				
	147-0218	1	Specs A Through Q				
			(Includes Buttons 1,2,12,13 and Fuel Lines)				
23	149-1704	1	Pump, Fuel Transfer				
24	149-0116	1	Bowl, Fuel Pump (Glass)				

\* - Measure for correct length

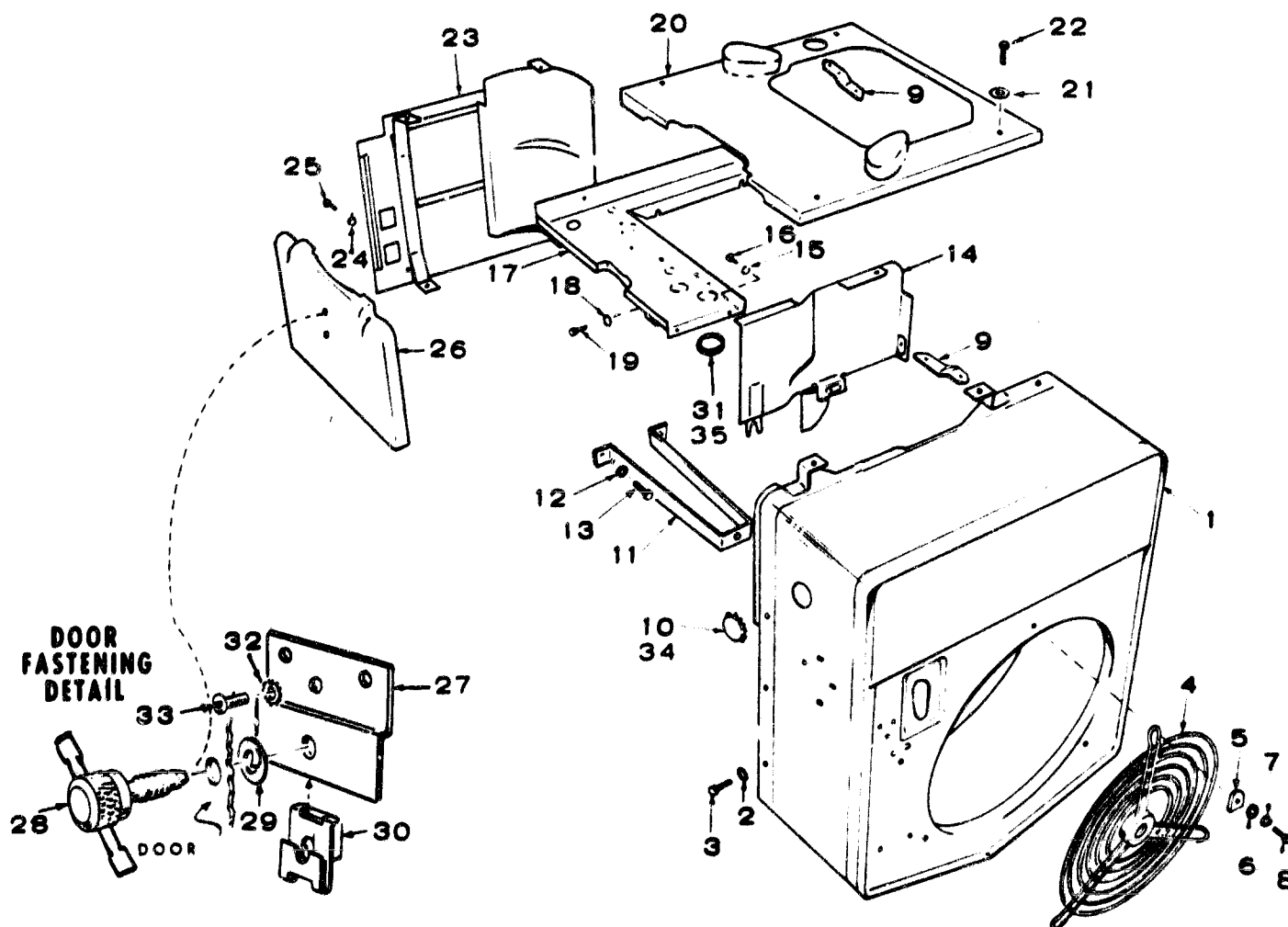
# AIR CLEANER AND FUEL FILTER



## AIR CLEANER AND FUEL FILTER

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	140-0594	1	Cover, Air Cleaner	23	800-0026	3	Screw, Cap - Hex Head (5/16-18 x 3/4")
2	140-0595	1	Pan, Air Cleaner				Begin Spec S
3	140-0636	1	Element, Air Cleaner (Includes Retainer)	24	122-0326	1	Filter, Fuel - Secondary
4	865-0020	2	Nut, Wing				Begin Spec S
5	520-0821	2	Stud, Air Cleaner	25	526-0066	1	Washer, Flat (25/64" ID x 9/16" OD x 1/16" Thk)
6	140-0584	1	Gasket, Air Cleaner				Begin Spec S
7	505-0054	1	Plug, Pipe - Air Cleaner Adapter	26	801-0053	1	Screw, Cap - Hex Head (3/8-24 x 2")
8	140-0576	1	Adapter, Air Cleaner				Begin Spec S
9	141-0281	1	Gasket, Air Cleaner Adapter	27	502-0099	1	Elbow, Reducer - Secondary
10	520-0011	2	Stud, Air Cleaner Adapter Mounting				Filter Outlet - Begin Spec S
11	870-0137	2	Nut, Hex - Locking (5/16-24)	28	LINE, FUEL - SECONDARY FILTER TO INJECTION PUMP		
12	154-0712	1	Heater, Manifold (Includes Gasket) - 12 Volt		501-0129	1	Begin Spec S
13	336-1346	1	Lead, Air Heater to Solenoid in Control		501-0091	1	Specs A Through R
14	LEAD, GLOW PLUG TO AIR HEATER			29	503-0171	2	Clamp, Breather Hose
			Blade Type Terminal (Used on Late models)	30	HOSE, BREATHER CAP TO AIR CLEANER ADAPTER		
	336-1505	1	Number 2 cylinder		503-0557	1	Begin Spec S
	336-1504	1	Number 1 cylinder		503-0462	1	Specs E Through R
			Round Type Terminal (Used on Early Models)		503-0384	1	Specs A Through D
	336-1313	1	Number 2 cylinder	31	149-0408	1	Filter, Fuel - Secondary (Includes Cartridge and Bleed Plug) - Specs A Through R
	336-1314	1	Number 1 cylinder	32	502-0041	2	Elbow, Inverted Male
15	LINE, FUEL PUMP TO SECONDARY FILTER						Specs A Through R
	149-1190	1	Begin Spec S	34	149-0769	1	Plug, Bleed - Secondary
	149-0806	1	Specs A Through R				Filter - Specs A Through R
16	502-0003	1	Connector, Primary Fuel Filter Inlet - Begin Spec S	35	149-0428	1	Cartridge, Secondary Filter
17	122-0325	1	Filter, Fuel - Primary				Specs A Through R
			Begin Spec S	36	149-0456	1	Gasket, Secondary Filter Bowl to Cover - Specs A Through R
18	526-0068	1	Washer, Flat (29/64" ID x 3/4" OD x 1/16" Thk)	37	149-0455	1	Gasket, Secondary Filter Cartridge to Head
			Begin Spec S				Specs A Through R
19	801-0074	1	Screw, Cap - Hex Head (7/16-20 x 1-3/4")	38	149-0493	1	Gasket, Secondary Filter Cartridge to Retainer
			Begin Spec S				Specs A Through R
20	502-0080	2	Plug, Drain - Fuel Filter	39	149-1078	1	Filter, Fuel (Mounted Between Fuel Tank and Transfer Pump) Specs A Through R
			Begin Spec S	40	149-0846	1	Cartridge (For 149-1078 Filter)
21	149-1185	1	Adapter, Fuel Filter				Specs A Through R
			Begin Spec S	41	503-0559	1	Insulator, Breather Hose -
22	850-0045	3	Washer, Lock - Spring (5/16") - Begin Spec S				Begin Spec S

# AIR HOUSING



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	134-1087	1	Housing, Blower
2	854-0014	6	Washer, Lock - IT (1/4")
3	815-0235	6	Screw, Cap - Hex Head (1/4-20 x 5/8")
4	134-1178	1	Grille and Plate
5	134-1092	3	Retainer, Grille
6	526-0115	3	Washer, Flat (.200" ID x 3/8" OD x 1/32" Thk)
7	850-0040	3	Washer, Lock - Spring (1/4")
8	800-0007	3	Screw, Cap - Hex Head (1/4-20 x 1")
9	<b>BRACKET, BLOWER HOUSING AND CYLINDER AIR HOUSING COVER</b>		
	134-1703	1	Front
	134-1704	1	Back
10	517-0035	1	Plug, Dot Button - Begin Spec R
11	134-1088	1	Support, Blower Housing and Grille
12	850-0045	2	Washer, Lock - Spring (5/16")
13	800-0024	2	Screw, Cap - Hex Head (5/16-18 x 1/2")
14	134-1048	1	Housing, Cylinder Air - Front
15	850-0040	4	Washer, Lock - Spring (1/4")
16	815-0235	4	Screw, Cap - Hex Head (1/4-20 x 5/8")
17	134-1419	1	Pan, Cylinder Air Housing (Bottom)

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
18	854-0013	2	Washer, Lock - IT (#12)
19	815-0235	2	Screw, Cap - Hex Head (1/4-20 x 5/8")
20	134-1125	1	Cover, Cylinder Air Housing
21	526-0021	4	Washer, Flat (17/64" ID x 3/4" OD x 1/16" Thk)
22	800-0004	4	Screw, Cap - Hex Head (1/4-20 x 5/8")
23	134-1051	1	Housing, Cylinder Air - Rear
24	854-0010	2	Washer, Lock - IT (#10)
25	813-0097	2	Screw, Machine - Round Head (#10-32 x 5/16")
26	134-1039	1	Panel, Door - Air Housing
27	134-1554	2	Bracket, Air Housing Door
28	134-1373	2	Screw, Door Panel (Special)
29	134-1180	4	Washer, Retainer - Door Panel (Also 8 used on top cover on some early models)
30	870-0194	5	Nut, Clinch (1/4-20) Door Panel and Cover
31	508-0005	2	Grommet, Rubber (9/16")
32	853-0008	2	Washer, Lock - ET (#8)
33	813-0098	2	Screw, Machine - Round Head (#10-32 x 3/8")
34	517-0108	2	Plug, Dot Button (1-1/8" Hole)
35	517-0084	1	Grommet, Rubber (1-1/4" Hole)

## SERVICE KITS AND MISCELLANEOUS

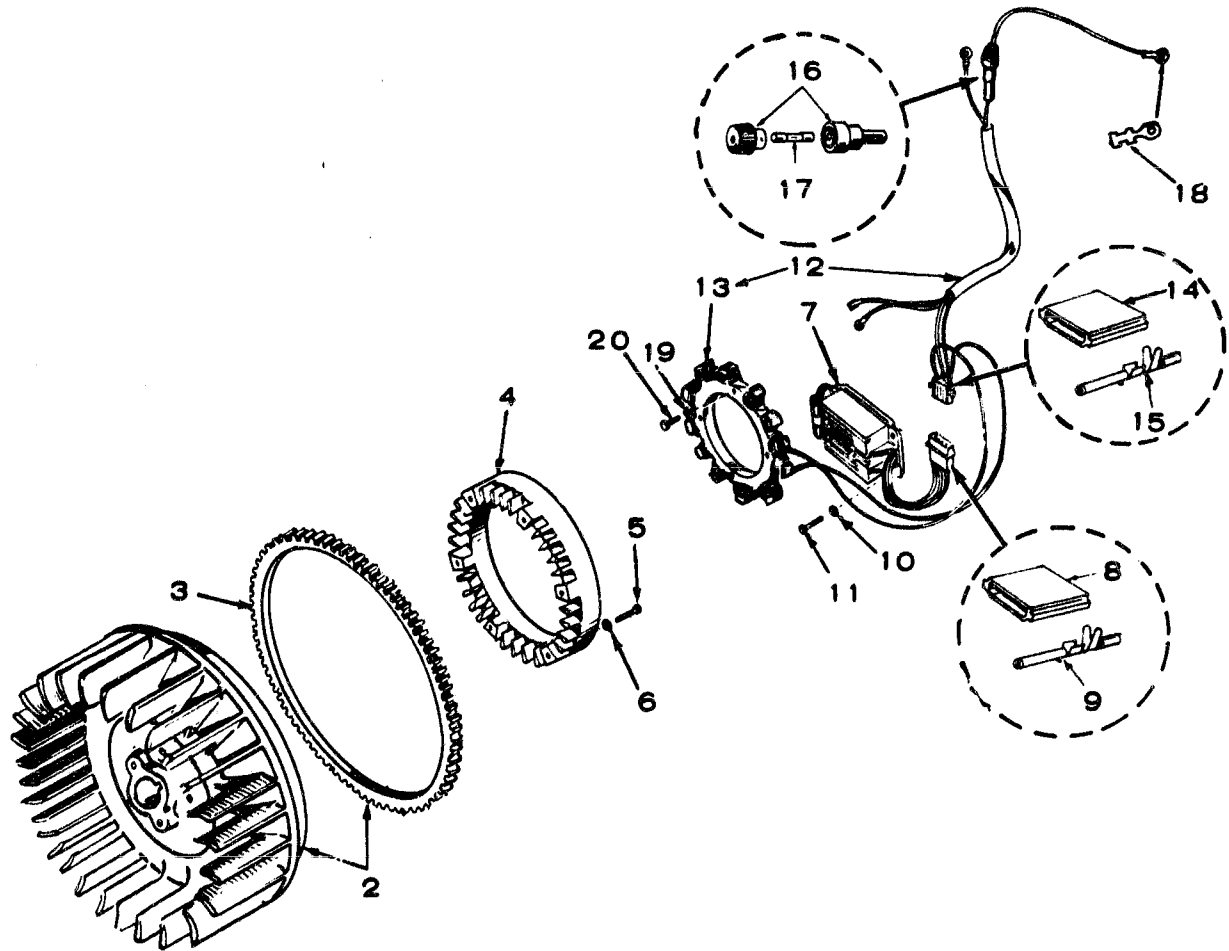
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	98-1100	1	Decal Kit
	168-0086	1	Gasket Kit
	OVERHAUL KIT		
	522-0247	1	Begin Spec S
	522-0201	1	Specs A Through R
	PAINT, TOUCH-UP (PRESSURIZED CAN)		
	525-0305	As Req.	Non-Metallic Green (13 oz.)
	525-0137	As Req.	Metallic Green (16 oz.)

**NOTE:** For other kits, refer to the group for the part in question.

# **OPTIONAL EQUIPMENT PARTS SECTION**

**This section contains illustrated parts listing of factory installed options for these Industrial Engines. Options may not be applicable to all models; for field conversions additional parts are usually required. Optional parts listed in this section are in addition or in place of those shown in the standard engine parts section.**

# **OPTION 1** **FLYWHEEL ALTERNATOR (WICO) - BEGIN SPEC V**



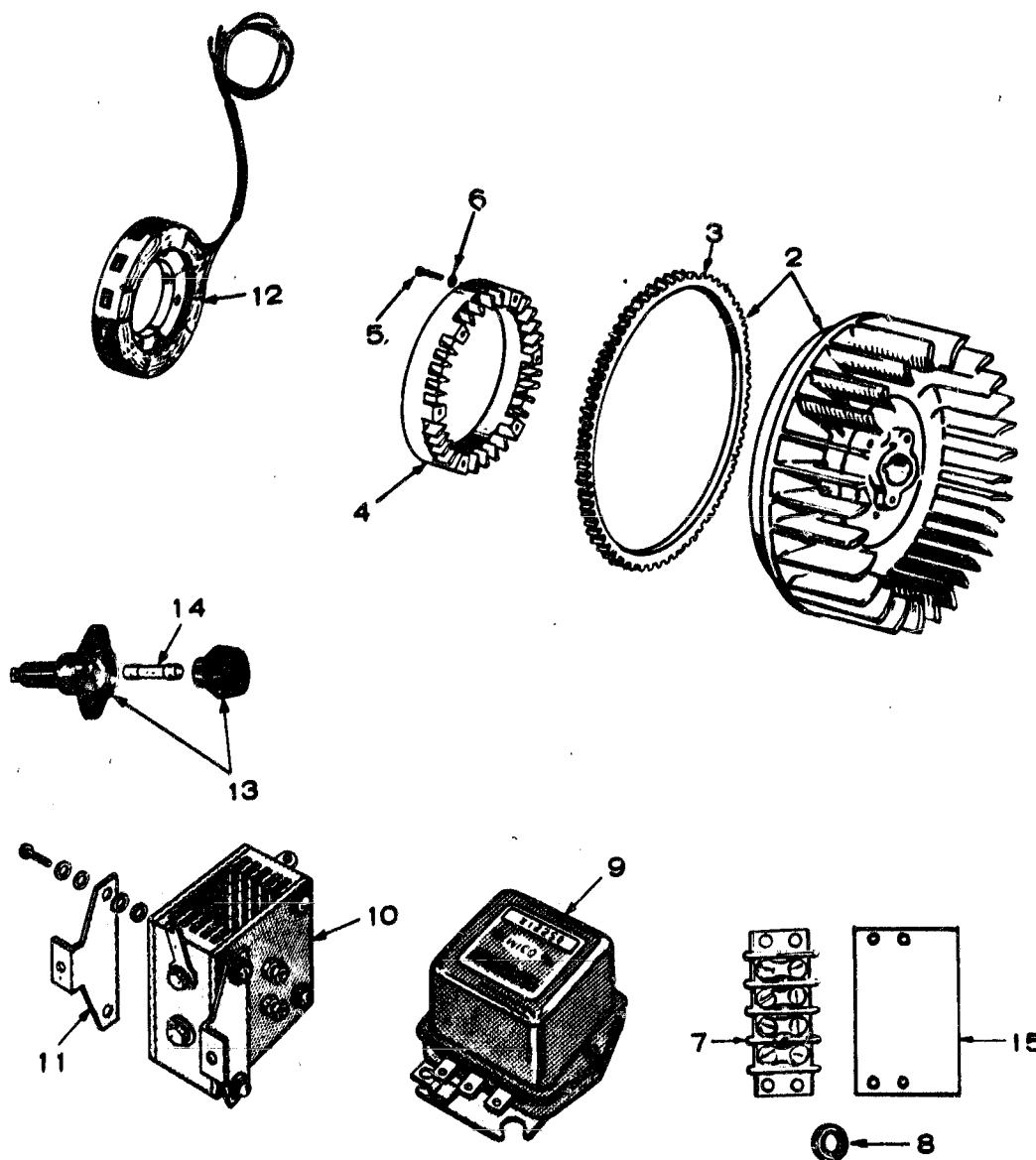
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
2	191-0408	1	Flywheel Assembly (Includes Ring Gear)
3	104-0423	1	Gear, Ring
4	191-0400	1	Rotor
5	812-0133	6	Screw, Machine - Round Head (#12-24 x 1-1/2")
6	850-0035	6	Washer, Lock - Spring (#12)
7	305-0478	1	Regulator, Voltage (Includes parted marked †)
8	323-0763	1	†Connector, Socket Housing
9	323-0496	4	†Pin, Connector (Male)
10	850-0040	3	Washer, Lock - Spring (1/4")
11	800-0006	3	Screw, Cap - Hex Head (1/4-20 x 7/8")
12	191-0877	1	Stator Assembly (Includes parts marked Δ)

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
13	191-0724	1	ΔStator only (Includes Leads to Connector)
14	323-0759	1	ΔConnector, Socket Housing
15	323-0488	4	ΔSocket, Connector (Female)
16	321-0165	1	ΔHolder, Fuse (Includes 30 Amp Fuse)
17	321-0162	1	ΔFuse (30 Ampere)
18	332-0325	2	ΔTerminal
19	850-0030	3	Washer, Lock - Spring (#10)
20	813-0107	3	Screw, Machine - Round Head (#10-32 x 1-1/4")

Δ - Parts included in 191-0877 Stator Assembly.  
† - Parts included in 305-0478 Regulator.



# **OPTION 2** **FLYWHEEL ALTERNATOR (WICO) - SPECS A THROUGH U**

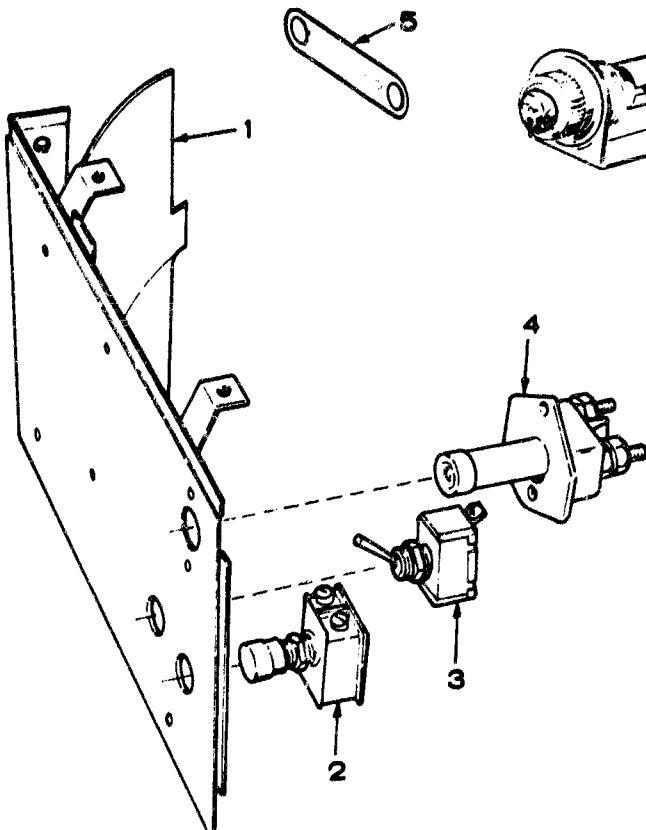


REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
2	191-0408	1	Flywheel Assembly (Includes Ring Gear)
3	104-0423	1	Gear, Ring
4	191-0400	1	Rotor
5	812-0133	6	Screw, Machine - Round Head (#12-24 x 1-1/2")
6	850-0035	6	Washer, Lock - Spring (#12)
7	332-0537	1	Block, Terminal (4 Place)
8	508-0071	1	Grommet, Blower Housing
9	305-0261	1	Regulator, Voltage

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
10	305-0267	1	Rectifier Assembly (Includes Mounting Brackets)
11	305-0262	2	Bracket, Rectifier Mounting
12	191-0509	1	Stator
13	321-0103	1	Holder, Fuse (Includes 20 Amp Fuse)
14	321-0128	1	Fuse (20 Amp)
15	332-0872	1	Strip, Marker

**NOTE:** Blower Housing changes with factory options. Refer to factory for Blower Housing giving Complete Model, Spec and Serial Number.

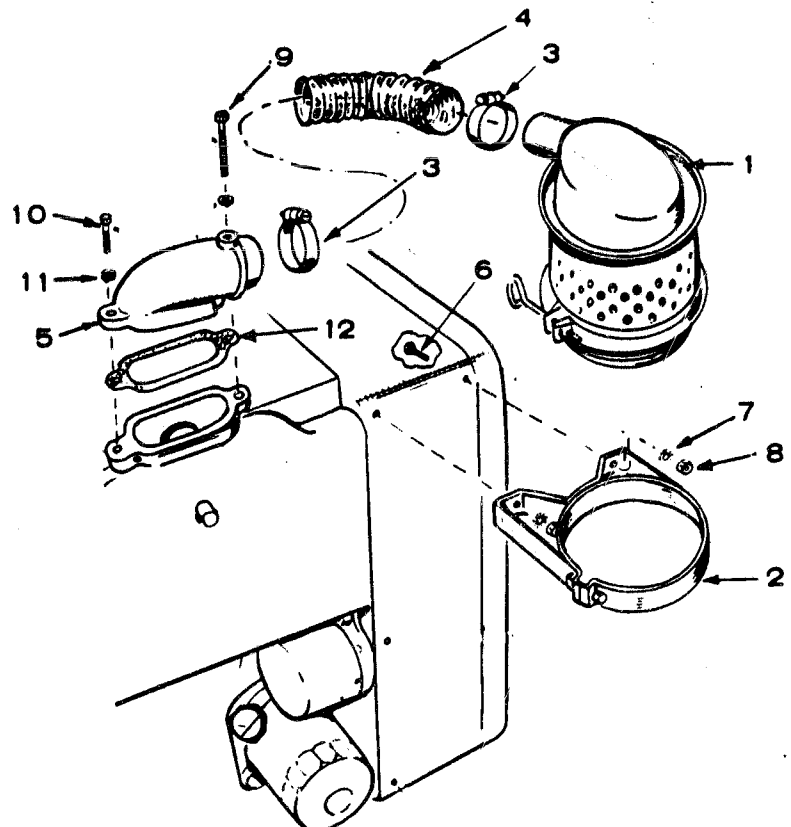
### OPTION 3 CONTROL (ENGINE)



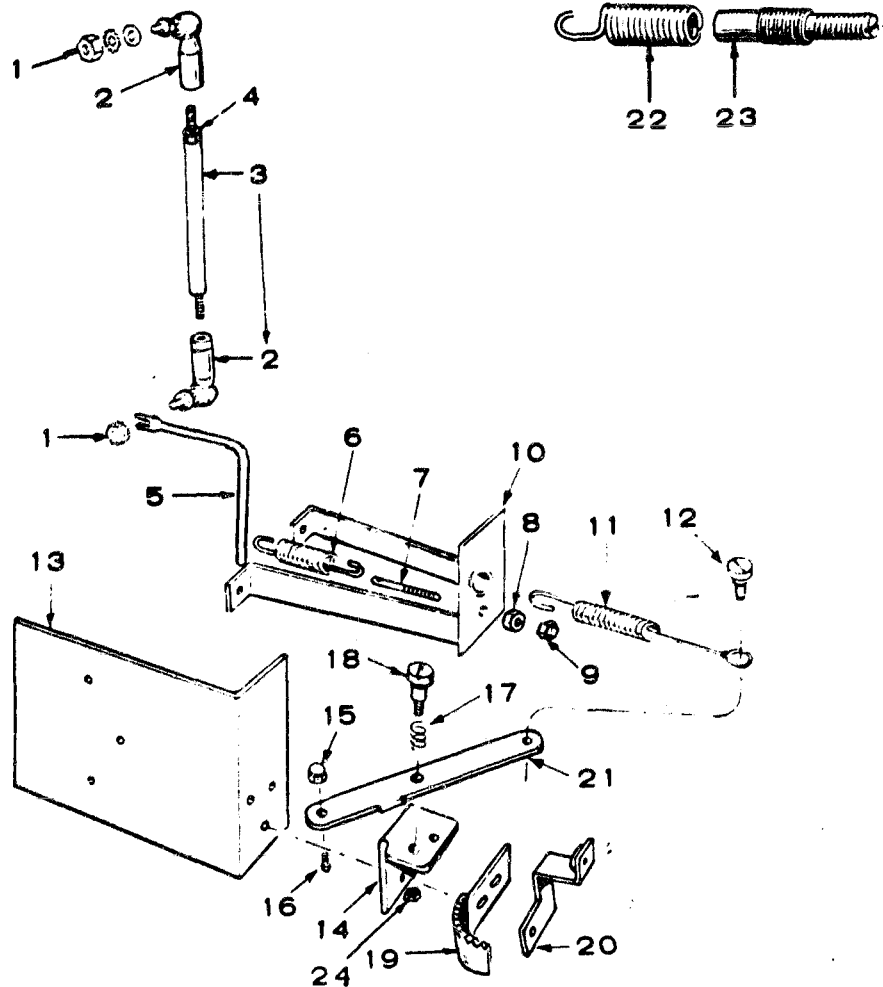
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	HOUSING, CYLINDER AIR - REAR (For Engines with Start Switch, Glow Plug Switch and Fuel Solenoid Switch. For Engines with Additional Controls refer to factory)		
	134-2256	1	Begin Spec V
	134-1508	1	Specs A Through U
2	308-0198	1	Switch, Start
3	308-0007	1	Switch, Fuel Solenoid
4	308-0028	1	Switch, Glow Plug
5	332-0592	1	Jumper, Terminal (Start Switch on Engines with Oil Pressure Switch)
6	322-0069	1	Light, Pilot - Red (Engines with Charging Alternator)
7	322-0017	1	Lamp, Pilot Light (Engines with Charging Alternator)

### OPTION 4 OIL BATH AIR CLEANER

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
➔	140-0677	1	Conversion Kit, Oil Bath Air Cleaner (Includes all parts in this group)
1	140-0500	1	Cleaner, Air - Oil Bath
2	140-0519	1	Band, Air Cleaner
3	503-0365	2	Clamp, Hose
4	503-0444	1	Hose, Air Cleaner to Adapter
5	140-0645	1	Adapter, Air Cleaner
6	800-0003	2	Screw, Cap - Hex Head (1/4-20 x 1/2")
7	850-0040	2	Washer, Lock - Spring (1/4")
8	860-0013	2	Nut, Hex (1/4-20)
9	800-0015	1	Screw, Cap - Hex Head (1/4-20 x 3")
10	800-0007	1	Screw, Cap - Hex Head (1/4-20 x 1")
11	850-0040	2	Washer, Lock - Spring (1/4")
12	140-0584	1	Gasket, Adapter Mounting

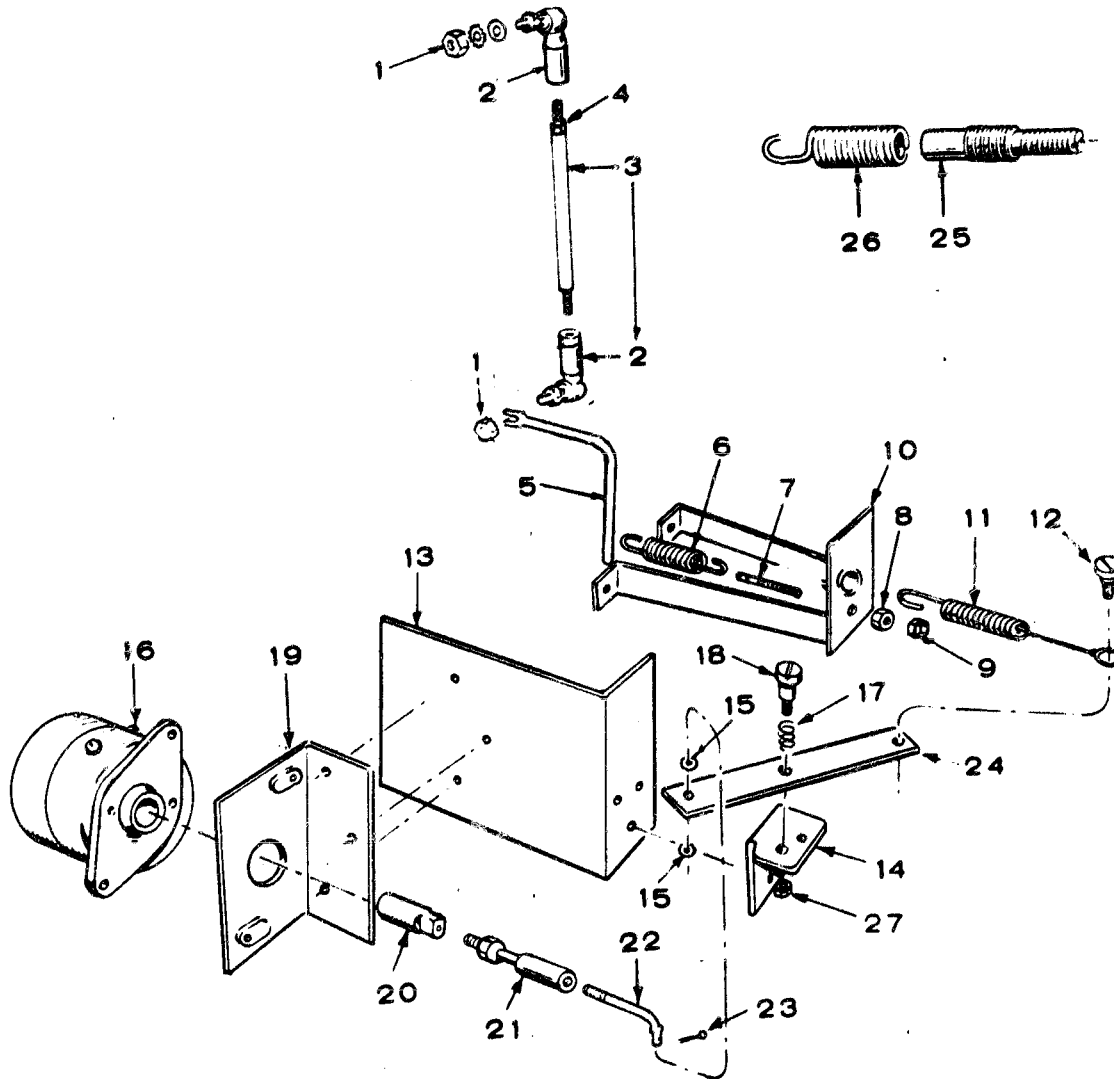


# **OPTION 5** **GOVERNOR CONTROL (VARIABLE SPEED)**



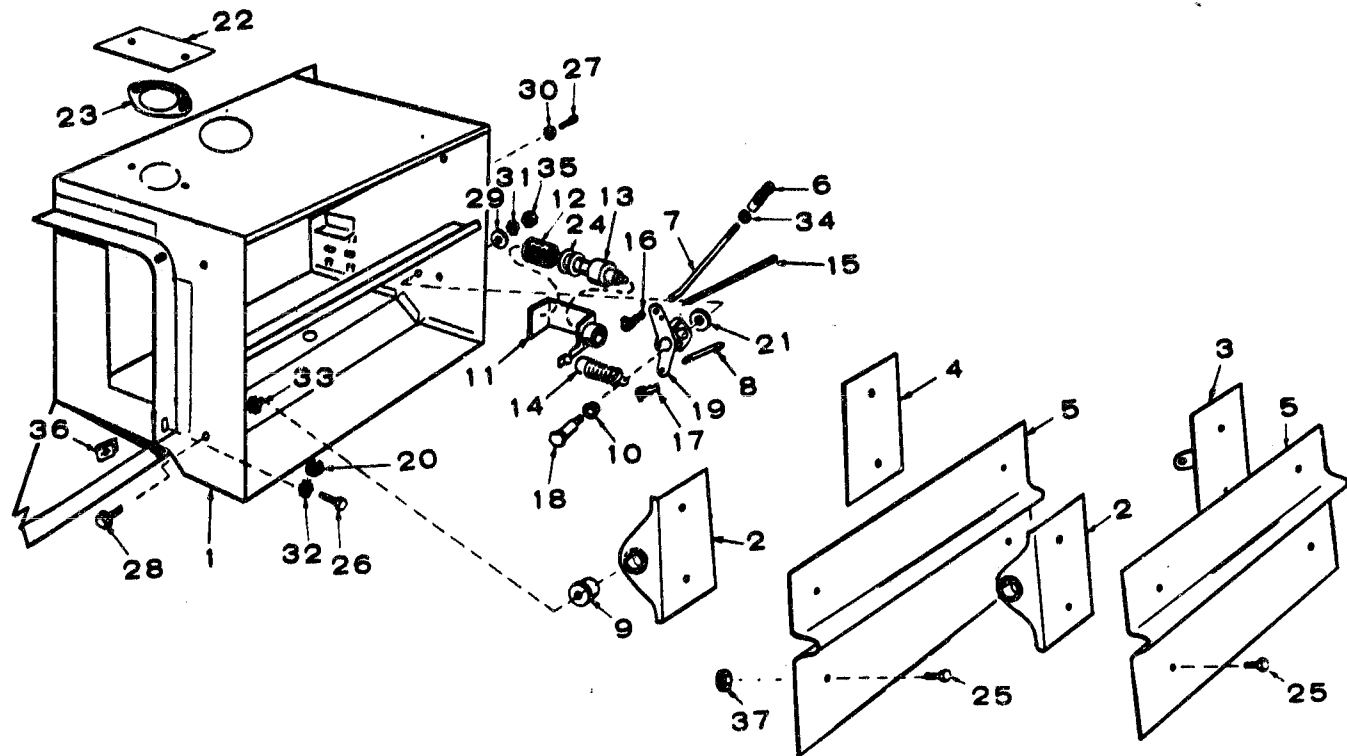
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	870-0131	2	Nut, Hex - Locking (#10-32)	11	SPRING, GOVERNOR CONTROL		
2	JOINT, BALL			150-0922	1		Speed Range 1200 to 1800 RPM (1-15/16" Coil)
	150-0939	2	Begin Spec R	150-0921	1		Speed Range 1200 to 2500 RPM (1-13/32" Coil)
	150-0974	2	Specs A Through Q	12	150-0918	1	Screw (Special)
3	LINKAGE ASSEMBLY			13	150-0917	1	Bracket, Governor Control Mounting
	150-1132	1	Begin Spec R	14	150-0916	1	Bracket, Lever Arm
	150-0831	1	Specs A Through Q	15	153-0014	1	Nut, Choke Wire Stop
4	871-0010	2	Nut, Hex (#10-32)	16	810-0074	1	Screw, Machine - Round Head Brass (#8-32 x 3/16")
5	150-1099	1	Arm Assembly, Governor - Begin Spec R	17	150-0907	1	Spring, Speed Control Lever Tension
6	150-1084	1	Spring, Governor - Begin Spec R	18	150-0915	1	Screw, Special
7	150-1083	1	Stud, Governor Adjusting Begin Spec R	19	150-0914	1	Ratchet Speed Control
8	NUT, HEX - GOVERNOR ADJUSTING STUD			20	150-0978	1	Bracket, Governor Stop
	862-0003	1	Begin Spec R (3/8-16)	21	150-0908	1	Lever, Speed Control
	104-0091	1	Specs A Through Q (3/8-24)	22	150-0846	1	Spring, Governor Specs A Through Q
9	NUT, SELF LOCKING (PALNUT)			23	150-0822	1	Stud, Governor Adjusting Specs A Through Q
	870-0133	1	Begin Spec R (3/8-16)	24	115-0025	1	Nut, Hex (Special)
	870-0130	1	Specs A Through Q (3/8-24)				
10	BRACKET ASSEMBLY, GOVERNOR						
	150-1111	1	Begin Spec R				
	150-0913	1	Specs A Through Q				

# **OPTION 6** **GOVERNOR CONTROL (TWO SPEED)**



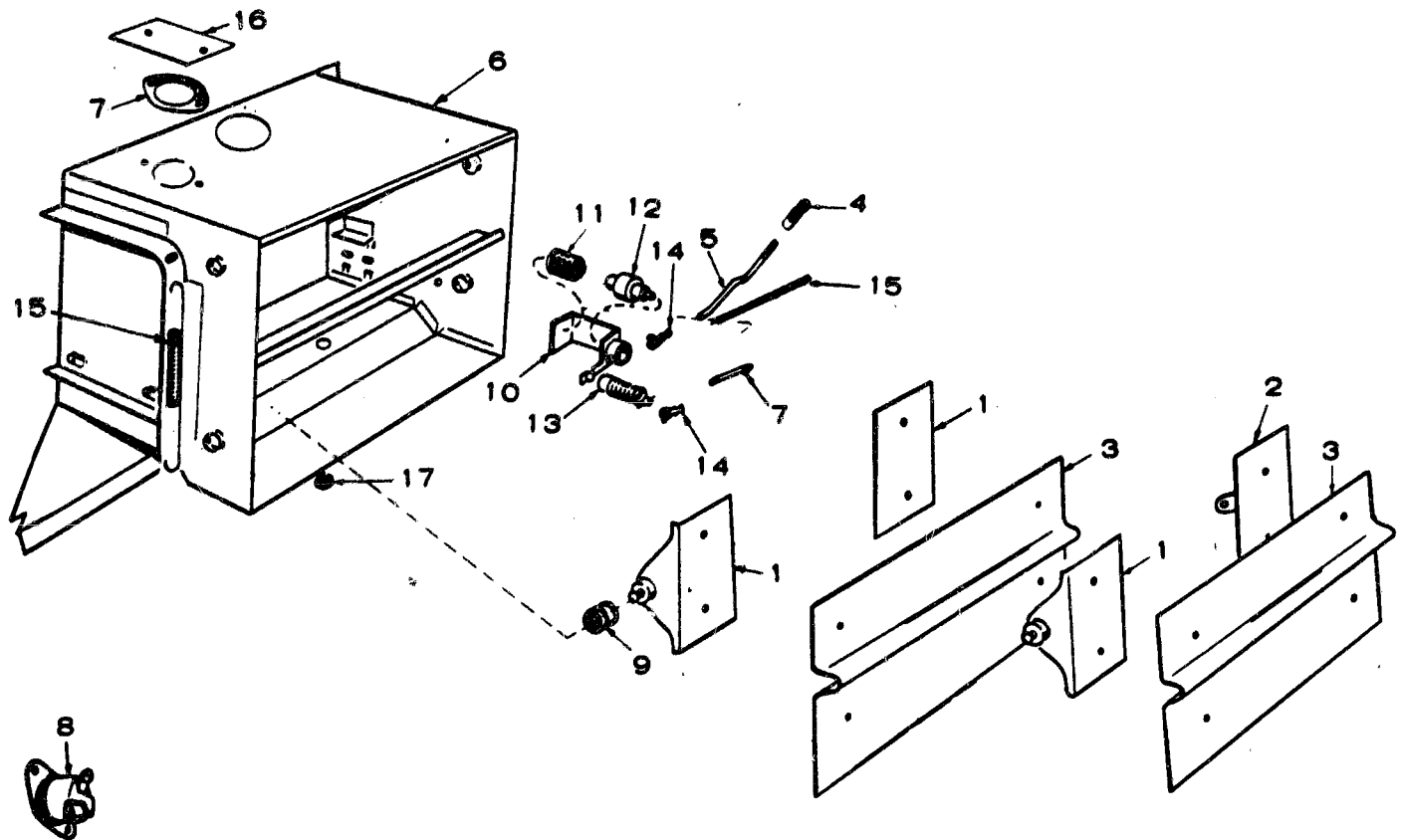
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	870-0131	2	Nut, Hex - Locking (#10-32)	11	SPRING, GOVERNOR CONTROL		
2	JOINT, BALL			150-0922	1		Speed Range 1200 to 1800 RPM (1-15/16" Coil)
	150-0939	2	Begin Spec R	150-0921	1		Speed Range 1200 to 2500 RPM (1-13/32" Coil)
	150-0974	2	Specs A Through Q	12	150-0918	1	Screw (Special)
3	LINKAGE ASSEMBLY			13	150-0917	1	Bracket, Governor Control Mounting
	150-1132	1	Begin Spec R	14	150-0916	1	Bracket, Lever Arm
	150-0831	1	Specs A Through Q	15	526-0116	2	Washer, Flat (.200" ID x 3/8" OD x 1/32" Thk)
4	871-0010	2	Nut, Hex (#10-32)	16	307-0628	1	Solenoid, Governor Control
5	150-1099	1	Arm Assembly, Governor	17	150-0907	1	Spring, Speed Control Lever Tension
			Begin Spec R	18	150-0915	1	Screw, Special
6	150-1084	1	Spring, Governor - Begin Spec R	19	150-0906	1	Bracket, Solenoid Mounting
7	150-1083	1	Stud, Governor Adjusting	20	150-0905	1	Plunger, Solenoid
			Begin Spec R	21	150-0925	1	Joint, Ball
8	NUT, HEX - GOVERNOR ADJUSTING STUD			22	150-0923	1	Rod, Solenoid to Lever
	862-0003	1	Begin Spec R (3/8-16)	23	516-0036	1	Key, Cotter - Solenoid Rod
	104-0091	1	Specs A Through Q (3/8-24)	24	150-0904	1	Lever, Control
9	NUT, SELF LOCKING (PALNUT)			25	150-0822	1	Stud, Governor Adjusting Specs A Through Q
	870-0133	1	Begin Spec R (3/8-16)	26	150-0846	1	Spring, Governor - Specs A Through Q
	870-0130	1	Specs A Through Q (3/8-24)				
10	BRACKET ASSEMBLY, GOVERNOR						
	150-1111	1	Begin Spec R				
	150-0913	1	Specs A Through Q				

# **OPTION 7** **AIR SHUTTER DISCHARGE - BEGIN SPEC S**



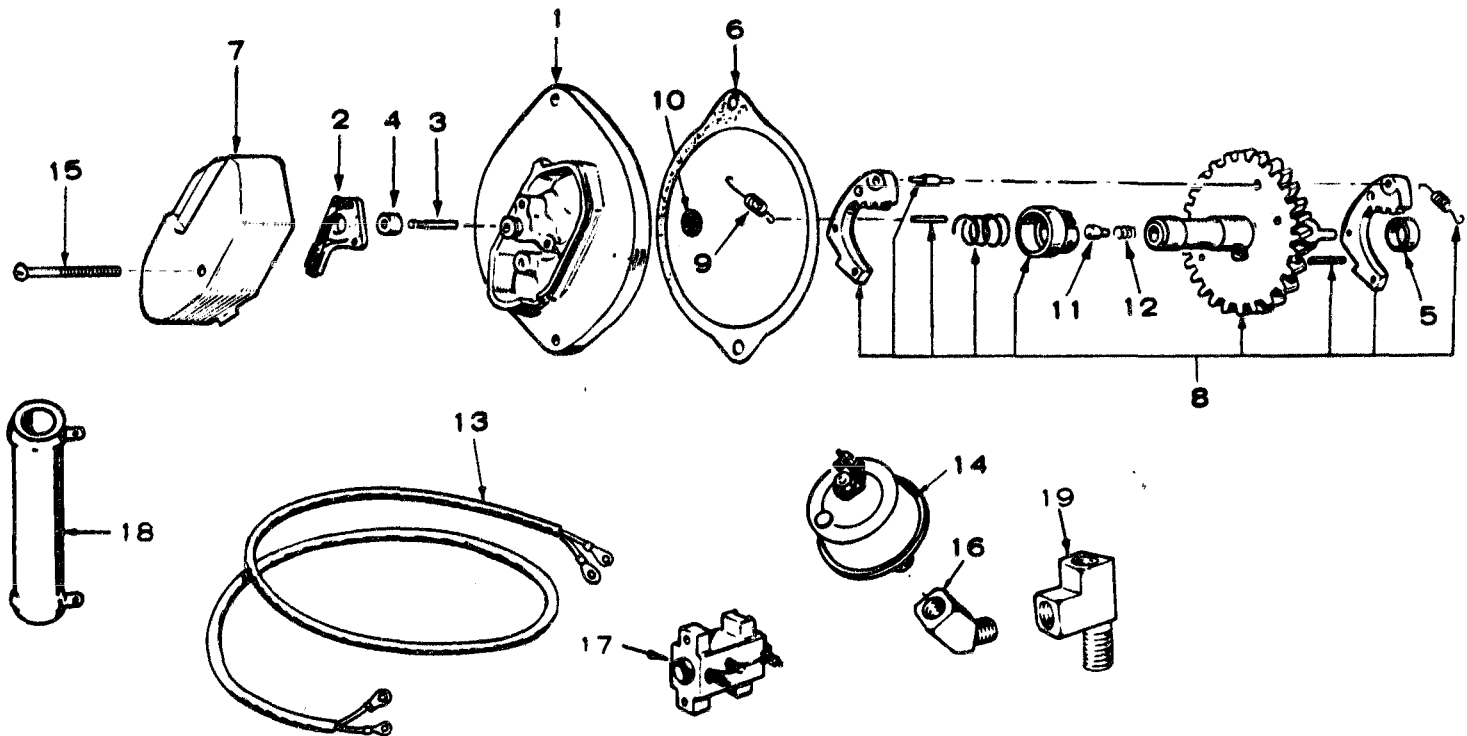
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	134-1811	1	Shutter Assembly, Complete (Internal Springs)	20	508-0002	1	Grommet, Rubber
1	134-1804	1	Duct only, Air Outlet	21	526-0213	1	Washer, Actuating Shaft
2	134-2411	2	Bracket and Pivot, Shutter	22	134-1375	1	Plate, Exhaust Outlet Cover
3	134-1802	1	Bracket and Pivot, Shutter and Rod	23	154-0738	1	Gasket, Exhaust Outlet
4	134-1801	1	Bracket and Pivot, Shutter and Spring	24	526-0175	2	Washer, Flat (41/64" ID x 29/32" OD x 1/16" Thk)
5	134-1807	2	Shutter, Air Outlet	25	815-0194	8	Screw, Cap - Hex Head (#10-32 x 3/8")
6	150-1358	1	Joint, Ball	26	815-0235	3	Screw, Cap - Hex Head (1/4-20 x 5/8")
7	134-1606	1	Rod, Shutter Control - Upper	27	813-0097	2	Screw, Machine - Round Head (#10-32 x 5/16")
8	134-1607	1	Rod, Shutter Control - Lower	28	821-0010	4	Screw, Cap - Hex Head Locking (1/4-20 x 1/2")
9	134-2900	4	Bearing, Shutter	29	526-0113	1	Washer, Flat (11/32" ID x 1" OD x 3/32" Thk)
10	134-1248	2	Bearing, Actuating Arm	30	853-0008	2	Washer, Lock - ET (#8)
11	134-1610	1	Bracket and Guide Vernatherm	31	853-0016	1	Washer, Lock - ET (5/16")
12	134-0656	1	Spring, Vernatherm Element	32	853-0013	3	Washer, Lock - ET (1/4")
13	309-0085	1	Element, Vernatherm	33	856-0006	4	Washer, Lock - EIT (1/4")
14	134-0658	1	Spring, Shutter Return - Lower	34	870-0131	1	Nut, Hex - Locking (#10-32)
15	134-1817	1	Spring, Shutter Return - Upper	35	864-0002	1	Nut, Jam - Hex (5/16-18)
16	518-0004	1	Clip, Rod End - Right Side	36	870-0178	3	Nut, Clinch (1/4-20)
17	518-0006	2	Clip, Rod End - Left Side	37	870-0131	8	Nut, Lock (#10-32) Shutter Mounting
18	134-1605	1	Shaft, Actuating Arm				
19	134-1604	1	Arm, Actuating				

# **OPTION 8** **AIR SHUTTER DISCHARGE - SPEC A THROUGH R**



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	134-1249	1	Shutter Assembly, Complete (External Springs) - For replacement order 134-1810
1	134-1242	3	Bracket and Pivot
2	134-1238	1	Bracket, Shaft and Pin Assembly
3	134-1252	2	Shutter
4	150-0998	1	Joint, Ball
5	134-1247	1	Rod, Shutter Control
6		1	Duct only - Not Sold Separately
7	154-0738	1	Gasket, Exhaust Outlet
8	309-0162	1	Switch, Hi-Temperature Specs A Through N (Mounts on Air Ducts)
9	134-1248	4	Bearing, Shutter
10	134-1244	1	Bracket and Guide, Vernatherm
11	134-0656	1	Spring, Vernatherm Element
12	309-0085	1	Element, Vernatherm
13	134-0658	1	Spring, Shutter Return
14	518-0004	1	Clip, Rod End
15	134-1437	2	Spring, Shutter Pivot
16	134-1375	1	Plate, Exhaust Outlet
17	508-0002	1	Grommet, Rubber

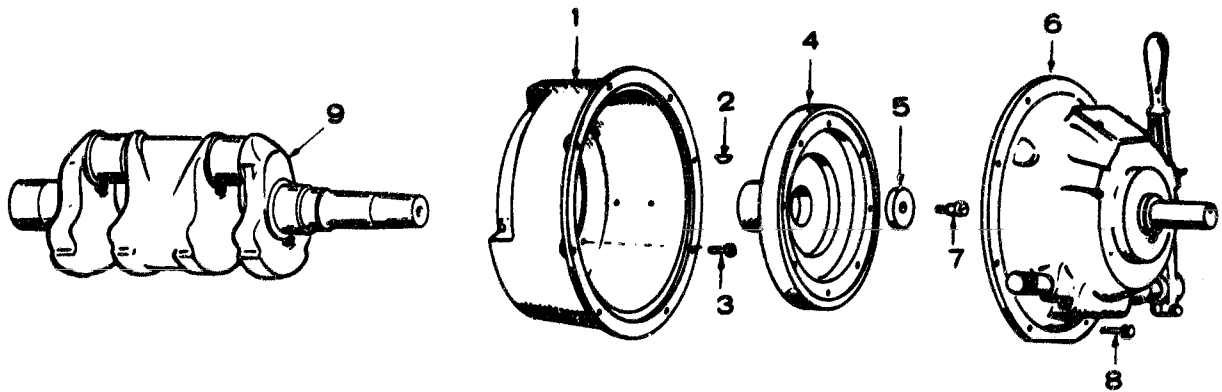
## OPTION 9 LOW OIL PRESSURE CUT-OFF



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	191-0496	1	Plate, Centrifugal Switch
2	309-0134	1	Switch, Centrifugal
3	309-0152	1	Plunger
4	160-0382	1	Diaphragm, Switch
5	160-0720	1	Spacer, Control
6	160-0721	1	Gasket, Switch Plate
7	191-0392	1	Cover, Switch Plate
8	191-0388	1	Control Assembly, Switch
9	160-0711	2	Spring, Weight (Included in Switch Control Assembly)
10	160-0806	1	Disc. Thrust Plunger
11	160-0774	1	Plunger
12	160-0773	1	Spring, Plunger
13	338-0258	1	Harness, Centrifugal Switch
14	309-0169	1	Switch, Low Oil Pressure (Note: Engines with factory mounted controls see optional engine control group)
15	813-0107	1	Screw, Machine - Round Head (#10-32 x 1-1/4")
16	502-0053	1	Elbow, 45° - Low Oil Pressure Switch Mounting
17	320-0104	1	Relay, Emergency Start
18	304-0217	1	Resistor, Fixed (1-Ohm, 10 Watt)
19	502-0058	1	Tee, Pipe - Low Oil Pressure Switch

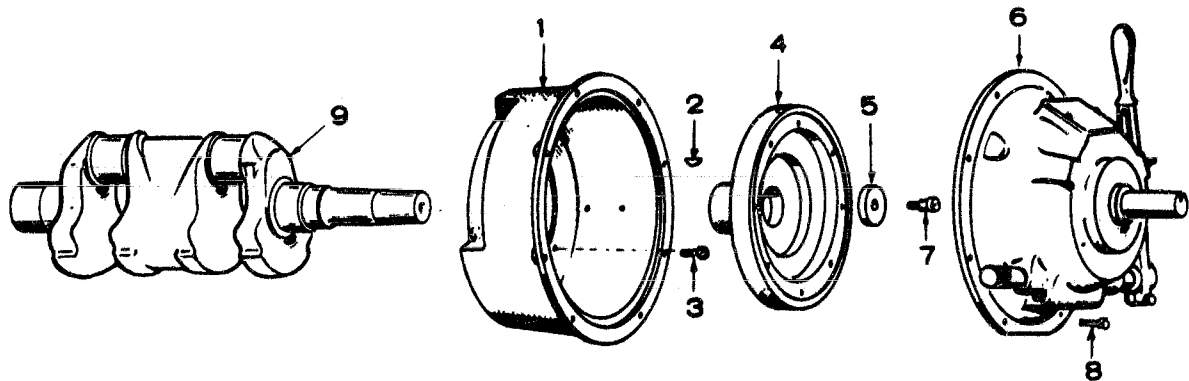
**NOTE:** All parts listed are used when controls are not factory mounted. Engines with factory mounted controls require only the oil pressure switch. (See also Engine Control group).

## OPTION 10 CLUTCH (ROCKFORD)



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	190-0251	1	Housing, Clutch
2	515-0006	1	Key, Clutch
3	805-0019	4	Bolt, Place (3/8-16 x 1-7/16")
4	190-0252	1	Flange, Adapter
5	190-0254	1	Washer, Flat - Special
6	190-0258	1	Clutch Assembly
7	800-0053	1	Screw, Cap - Hex Head (3/8-16 x 1-3/4")
8	800-0074	8	Screw, Cap - Hex Head (7/16-14 x 1-3/4")
9	104-0451	1	Crankshaft

## OPTION 11 CLUTCH (TWIN DISC)

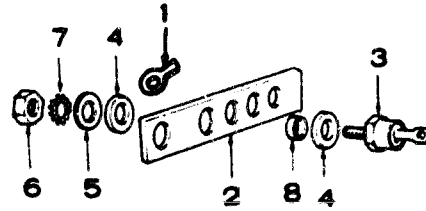


REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	190-0251	1	Housing, Clutch
2	515-0006	1	Key, Clutch
3	805-0019	4	Bolt, Place (3/8-16 x 1-7/16")
4	190-0253	1	Flange, Adapter
5	190-0254	1	Washer, Flat - Special
6	190-0325	1	Clutch Assembly
7	800-0053	1	Screw, Cap - Hex Head (3/8-16 x 1-3/4")
8	800-0074	8	Screw, Cap - Hex Head (7/16-14 x 1-3/4")
9	104-0451	1	Crankshaft

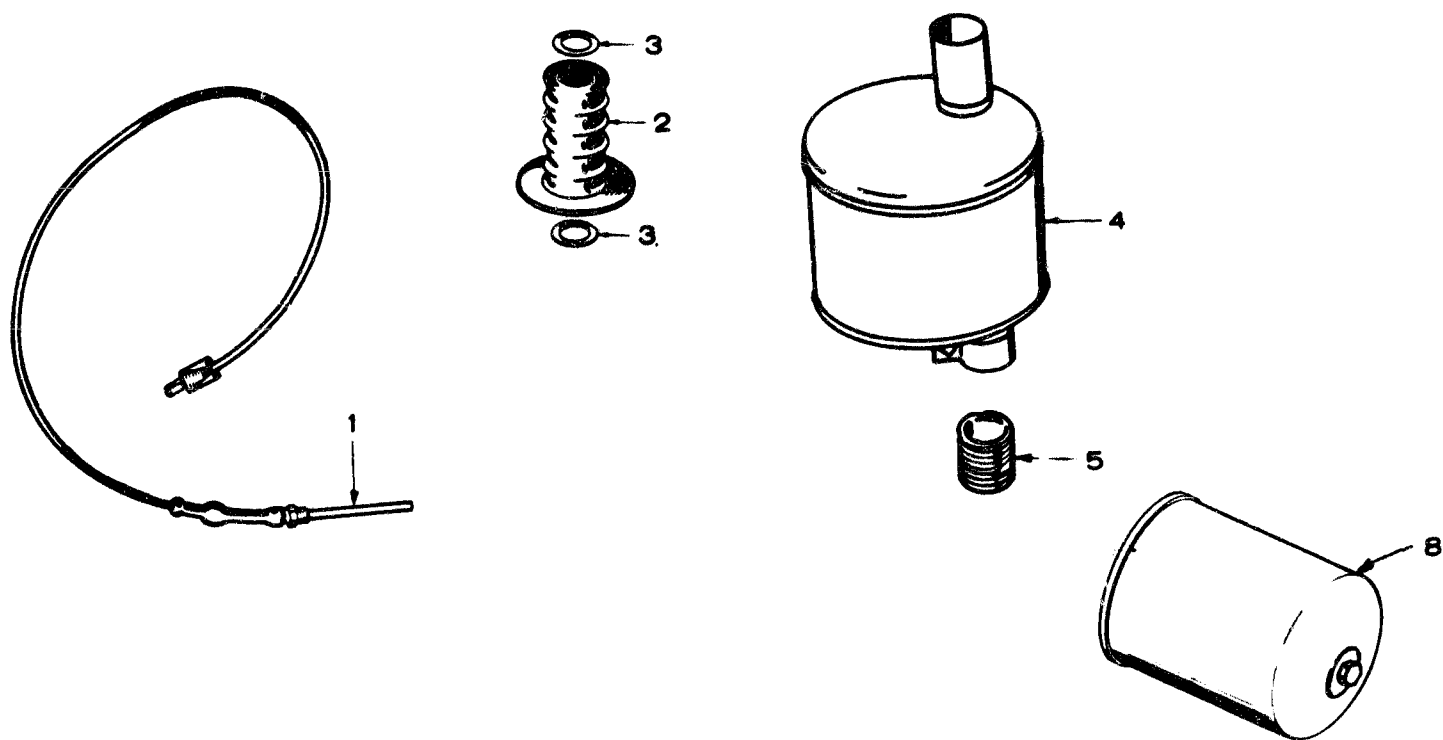


## OPTION 12 HIGH AIR TEMPERATURE CUT OFF

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	332-0876	1	Terminal, Ground
2	309-0195	1	Bracket, High Air Temperature Switch
3	309-0196	1	Switch, High Air Temperature
4	508-0126	2	Washer, Insulating
5	526-0021	1	Washer, Flat (17/64" ID x 3/4" OD x 1/16" Thk)
6	862-0001	1	Nut, Hex (1/4-20)
7	856-0006	1	Washer, Lock - ET (1/4")
8	508-0127	1	Sleeve, Insulating



## MISCELLANEOUS OPTIONAL PARTS



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	102-0558	1	Heater, Oil Base
2	306-0193	1	Cover, Stop Solenoid Plunger
3	518-0218	2	Ring, Retaining - Stop Solenoid Plunger Cover
4	155-0824	1	Muffler, Exhaust
5	505-0177	1	Nipple, Exhaust
8	122-0193	1	Filter, Oil (Heavy Duty) 5-3/4" long

## SPEC. PARTS DATA INDEX NO. 115

MODEL	SPEC.	FICHE LOCATION
DJB-MS	1V	E1
DJM60-MS	1323P	E2, E3
DJ60-MF	1332P	E4
DJB-MS	1612V	E5
DJB-MS	1832V	E6
DJB-MS	1918V	E7
DJM60-MS	2409S	E8
DJBM-MS	2409V	E9
DJB-MS	2422V	E10
DJB-MS	2445V	E11
DJB-MS	2450V	E12
DJB-MS	2453S	E13
DJBM-MS	2475S	E14
DJB-MS	2515S	F1
DJB-MS	2522V	F2
DJBM-MS	2528V	F3
DJB-MF	2563V	F4
DJB-MF	2586V	F5
DJM-MS	2587V	F6
DJB-MF	2605V	F7
DJB-MF	2632V	F8
DJB-MS	2637V	F9
DJB-MF	2662V	F10
DJB-MS	2723V	F11
DJB-MS	2844V	F12
DJB-MS	2858V	F13
DJB-MF	2961V	F14
DJB-MS	3051V	G1
DJB-MF	3067V	G2
DJB-MS	3070V	G3
DJB-MF	3117V	G4
DJB-MF	3172V	G5
DJB-MS	3188V	G6
DJB-MS	3225V	G7
DJB-MS	3228V	G8
DJB-MS	3295V	G9
DJB-MF	3662V	G10

SPECIAL PARTS LIST FOR **MODEL** DJB-MS **SPEC** 1V

FOR STANDARD PARTS REFER TO **CATALOG** 967-0251 **KEY NO.** -

OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
		Standard Model			

SPECIAL PARTS LIST FOR MODEL DJM60-MS SPEC 1323P  
 FOR STANDARD PARTS REFER TO CATALOG 967-0251 KEY NO. -  
 OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
Option - 2		Flywheel Alternator (WICO)	415-0268	1	Adapter And Cap, Fuel Tank (Includes Parts Marked <sup>o</sup> )
104-0451	1	Crankshaft	415-0267	1	<sup>o</sup> Body, Fuel Tank Adapter
516-0011	1	Pin, Dowel (5/16" X 1-1/8" Lg)	505-0005	1	<sup>o</sup> Valve, Shut-Off
103-0278	1	Gearcase Assembly (Refer To Standard Gearcase For Components, Except Parts Marked #)	502-0309	1	<sup>o</sup> Elbow, Fuel Tank Adapter
150-0900	1	#Arm, Governor Spring Control	502-0310	1	<sup>o</sup> Connector, Fuel Tank Adapter
150-0901	1	#Shaft, Governor	509-0116	2	<sup>o</sup> O-Ring, Fuel Tank Adapter
102-0540	1	Base, Oil	415-0266	1	<sup>o</sup> Cap, Fuel Tank
505-0078	1	Nipple, Pipe - Oil Drain (1/2" X 2-1/2")	415-0269	1	<sup>o</sup> Gasket, Fuel Tank Cap
505-0050	1	Elbow, Street - Oil Drain (90°)	518-0253	1	<sup>o</sup> Ring, Retaining - Fuel Tank Adapter To Cap (External)
504-0011	1	Cock, Oil Drain	415-0263	1	<sup>o</sup> Pipe, Fuel Tank Adapter Pickup
505-0100	1	Nipple, Close - Oil Drain (1/2" X 1-1/8")	517-0061	1	Plug, Fuel Tank - Plastic (3/8")
503-0509	1	Hose, Oil Drain	501-0113	2	Line, Fuel - (1) Return, (1) Outlet
503-0197	1	Clamp, Oil Drain Hose	149-1076	1	Bracket, Fuel Filter Mounting
147-0198	1	Pump, Fuel Injection (Refer To Standard Pump For Components, Except Parts Marked *)	502-0312	1	Connector, Female - Fuel Return
150-0985	1	*Joint, Ball	309-0177	1	Switch, Low Oil Pressure
501-0107	1	Line, Injection Pump Return - Flexible (1/8")	502-0053	2	Elbow, Street - (1) Low Oil Pressure Switch, (1) Oil Pressure Gauge
502-0148	1	Elbow, Male Flare - Injection Pump Fuel Return	502-0097	1	Connector, Inverted Male - Injection Pump Lubrication Tee
501-0097	1	Line, Secondary Filter To Injection Pump	502-0148	1	Elbow, Oil Filter Outlet
501-0098	1	Line, Fuel Pump To Secondary Filter	502-0287	1	Elbow, Oil Filter Inlet
149-1003	1	Pump, Fuel Transfer (Refer To Standard Fuel Pump For Components, Except Parts Marked +)	150-0986	1	Linkage Assembly, Governor (Includes Ball Joint)
149-1002	1	+Bail, Fuel Pump Sediment Bowl	150-0985	1	Joint, Ball
502-0020	2	Elbow, Street - (1) Fuel Pump Inlet, (1) Fuel Pump Outlet	150-0940	1	Bracket, Governor Spring
502-0137	2	Connector, Male - (1) Fuel Pump Inlet, (1) Fuel Pump Outlet	150-0973	1	Bracket, Governor Stud Adjusting
501-0119	1	Line, Fuel Pump Inlet	152-0155	1	Swivel, Governor Control Cable
159-0803	1	Tank, Fuel	150-0945	1	Stud, Governor Speed Adjusting
159-0864	1	Strap, Fuel Tank	150-0942	1	Clamp, Governor Control Cable
159-0866	1	Bracket, Fuel Tank Strap	152-0041	1	Washer, Governor Tension
159-0867	2	Bracket, Fuel Tank Support	151-0206	1	Spring, Governor
			152-0163	1	Bracket, Throttle Control Cable
			153-0382	1	Cable, Throttle Control
			153-0014	1	Nut, Throttle Control Stop
			155-0873	1	Muffler, Exhaust
			322-0069	1	Light, Pilot (Red)
			322-0081	1	Lamp, Pilot Light
			312-0168	1	Condenser (.5 Mfd, 100 Volt)
			308-0028	1	Switch, Glow Plug

SPECIAL PARTS LIST FOR MODEL DJM60-MS SPEC 1323P  
 FOR STANDARD PARTS REFER TO CATALOG 967-0251 KEY NO. -  
 OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
321-0134	1	Holder, Fuse			
321-0128	1	Fuse (20 Amp)			
308-0198	1	Switch, Start			
308-0007	1	Switch, Fuel Solenoid			
301-2634	1	Box, Control			
301-2635	1	Panel, Control Box			
338-0374	1	Harness, Wiring - Start			
338-0376	1	Harness, Wiring - Terminal Block			
338-0373	1	Harness, Wiring - Low Oil Pressure Switch To Start Control			
336-0476	1	Strap, Ground - Starter Motor To Skid			
301-2736	1	Plate, Control Box Mounting			
134-1771	1	Cover, Terminal Block			
508-0005	1	Grommet, Rubber - Wiring Harness (9/16" Hole)			
416-0549	2	Cable, Battery			
416-0543	1	Tray, Battery			
416-0338	1	Hold-Down, Battery			
416-0545	2	Stud, Battery Hold-Down			
306-0242	1	Screw, Stop Solenoid Adjusting			
306-0193	1	Cover, Stop Solenoid Plunger			
518-0218	2	Ring, Retaining - Stop Solenoid Plunger Cover			
191-0365	1	Bracket, Starter Motor Support			
134-1707	1	Cover, Shroud And Nozzle			
134-1709	1	Housing, Blower			
517-0075	1	Plug, Dot Button - Blower Housing (1-3/16" Hole)			
517-0021	1	Plug, Dot Button - Blower Housing (7/8" Hole)			
403-0763	1	U-Bolt, Lifting			
403-0766	1	Frame, Guard			
403-0761	1	Base, Skid			
402-0284	2	Cushion, Mounting			
402-0290	4	Bushing, Mounting Cushion			
402-0282	4	Snubber, Shock Mounting			
402-0285	2	Cushion, Mounting			
402-0329	2	Retainer, Mounting Cushion			

SPECIAL PARTS LIST FOR MODEL DJ60-MF SPEC 1332P  
 FOR STANDARD PARTS REFER TO CATALOG 967-0251 KEY NO.         
 OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
Group - 2		Flywheel Alternator			
113-0130	2	Ring Set, Piston			
115-0185	4	Tappet			
104-0451	1	Crankshaft			
120-0614	1	Line, Oil - Adapter to Inj. Pump Tee			
110-1546	1	Head, Cylinder			
120-0633	1	Line, Oil - Inj. Pump Tee to Cyl. Hd.			
140-0645	1	Adapter, Oil Bath Air Cleaner			
140-0500	1	Cleaner, Air (Oil Bath)			
140-0519	1	Band, Air Cleaner			
112-0109	2	Piston and Pin			
502-0097	1	Connector, Male - Inj. Pump			
502-0082	1	Nipple, Oil Line Tee to Inj. Pump			
502-0274	1	Connector, Restricted - Oil Line to Block			
502-0037	1	Connector, Adapter to Oil Line			
502-0051	1	Coupling, Oil Line Tee to Inj. Pump			
503-0444	1	Hose, Air Cleaner			
503-0365	2	Clamp, Hose			
105-0271	1	Camshaft, Incl. Center Pin			
134-1703	1	Bracket, Shroud - Front			
134-1704	1	Bracket, Shroud - Rear			
190-0251	1	Housing, Clutch			
149-1056	1	Line, Nozzle Fuel Return - No. 1 Cyl.			
149-1057	1	Line, Nozzle Fuel Return - No. 2 Cyl.			
149-1058	1	Line, Inj. Pump to Return Lines Tee			
190-0258	1	Clutch Assy.			
190-0252	1	Flange, To Adapt Clutch to Flywheel			
190-0254	1	Washer, Clutch Mounting			
134-1508	1	Panel, Cyl. Shroud Assy.			
308-0198	1	Switch, Start			
308-0028	1	Switch, Glow Plug			
308-0007	1	Switch, Fuel Solenoid			
322-0090	1	Light, Alternator Indicator			
322-0081	1	Lamp, Indicator			
322-0092	1	Socket, Indicator Light			
508-0031	2	Grommet, Indicator Lamp Leads			
305-0144	2	Spacer, Indicator Lamp			

SPECIAL PARTS LIST FOR MODEL DJB-MS SPEC 1612V  
 FOR STANDARD PARTS REFER TO CATALOG 967-0251 KEY NO. -  
 OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
Option - 7		Air Shutter	336-1408	1	Lead, Air Heater To Groun
Option - 9		Low Oil Pressure Cut Off	154-0712	1	Heater, Manifold Air (Includes Gasket)
102-0503	1	Base, Oil	140-0721	1	Cleaner, Air (Includes Pa Marked *)
102-0558	1	Heater, Oil Base	140-0765	1	*Element, Air Cleaner
333-0107	2	Plug, Glow (Includes Gasket)	140-1267	1	*Baffle, Air Cleaner
110-0546	2	Gasket, Glow Plug	140-0723	1	Pre-Cleaner, Air Cleaner
123-1202	1	Screen, Breather Valve (Top)	140-0722	2	Band, Air Cleaner Mountin
123-0958	1	Screen, Breather Tube (Bottom)	503-0444	1	Hose, Air Cleaner
123-1283	1	Baffle, Breather	503-0274	2	Clamp, Air Cleaner Hose
309-0206	1	Switch, High Air Temperature	320-0104	1	Limiter, Cranking
307-0668	1	Solenoid, Stop	304-0217	1	Resistor, Fixed (1 Ohm, 10 Watt)
306-0242	1	Screw, Stop Solenoid Adjusting			
306-0193	1	Cover, Stop Solenoid Plunger			
518-0218	2	Ring, Retaining - Stop Solenoid Plunger Cover			
191-0443	1	Motor, Starter (Refer To Standard Starter Motor For Components, Except Parts Marked #)			
191-0713	1	#Armature			
191-1043	1	#Coil Package, Field			
191-1042	1	#Plate Assembly, Brush			
191-0715	1	#Switch, Solenoid			
191-0714	1	#Brush Set, Service			
149-0979	1	Pump, Fuel Transfer (Refer To Standard Fuel Pump For Components)			
502-0020	1	Elbow, Inverted Male - Transfer Fuel Pump Outlet			
501-0003	1	Line, Fuel Pump To Secondary Filter - Flexible (9" Lg.)			
502-0058	1	Tee, Street Pipe - Low Oil Pressure Switch			
140-0645	1	Adapter, Air Cleaner Hose			
140-0734	1	Adapter, Air Intake To Cylinder Head			
140-0705	1	Plate, Air Heater Mounting			
140-0706	1	Gasket, Air Heater Mounting Plate			
508-0103	2	Sleeve, Insulating - Air Heater Plate (Mica)			
508-0102	2	Washer, Insulating - Air Heater Plate (Mica)			
114-0023	2	Screw, Hex Head Cap - Air Heater Plate (1/4-20 X 1 1/4")			



SPECIAL PARTS LIST FOR MODEL DJB-MS SPEC 1832V  
 FOR STANDARD PARTS REFER TO CATALOG 967-0251 KEY NO. -  
 OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
Option - 1		Flywheel Alternator (WICO)			
103-0366	1	Gearcase Assembly (Refer To Standard Gearcase For Components)			
191-0918	1	Stator Assembly (Refer To Optional Stator For Components)			
150-1099	1	Arm Assembly, Governor			
134-2255	1	Housing, Blower			

SPECIAL PARTS LIST FOR **MODEL** DJB-MS **SPEC** 1918V  
 FOR STANDARD PARTS REFER TO **CATALOG** 967-0251 **KEY NO.** -  
 OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
Option - 1		Flywheel Alternator (WICO)			
Option - 5		Variable Speed Governor Control			
103-0366	1	Gearcase Assembly (Refer To Standard Gearcase For Components)			
134-2253	1	Housing, Blower			

SPECIAL PARTS LIST FOR **MODEL** DJM60-MS **SPEC** 2409S  
 FOR STANDARD PARTS REFER TO **CATALOG** 967-0251 **KEY NO.** -  
 OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
Option - 1		Flywheel Alternator (WICO)			
Option - 3		Control (Engine)			
Option - 5		Variable Speed Governor Control (1,200 To 2,500 RPM)			
Option - 9		Low Oil Pressure Cut Off			
104-0451	1	Crankshaft			
103-0366	1	Gearcase Assembly (Refer To Standard Gearcase For Components)			
102-0540	1	Base, Oil			
505-0014	1	Coupling, Pipe (½")			
505-0002	1	Nipple, Pipe (½" X 3" Lg.)			
403-0825	1	Bracket, Lifting			
309-0177	1	Switch, Low Oil Pressure			
502-0058	1	Tee, Street Pipe - Low Oil Pressure Switch			
502-0065	1	Elbow, Inverted Male (45°)			
306-0193	1	Cover, Stop Solenoid Plunger			
518-0218	2	Ring, Retaining - Stop Solenoid Plunger Cover			
306-0242	1	Screw, Stop Solenoid Adjusting			
134-2253	1	Housing, Blower			
134-2256	1	Housing, Cylinder Air - Rear			

SPECIAL PARTS LIST FOR MODEL DJBM-MS SPEC 2409V  
 FOR STANDARD PARTS REFER TO CATALOG 967-0251 KEY NO. -  
 OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
Option - 1		Flywheel Alternator (WICO)			
Option - 3		Control (Engine)			
Option - 5		Variable Speed Governor Control (1,200 To 2,500 RPM)			
Option - 9		Low Oil Pressure Cut Off			
104-0451	1	Crankshaft			
103-0366	1	Gearcase Assembly (Refer To Standard Gearcase For Components)			
102-0540	1	Base, Oil			
505-0014	1	Coupling, Pipe (1/2")			
505-0002	1	Nipple, Pipe (1/2" X 3" Lg.)			
403-0825	1	Bracket, Lifting			
309-0177	1	Switch, Low Oil Pressure			
502-0058	1	Tee, Street Pipe - Low Oil Pressure Switch			
502-0065	1	Elbow, Inverted Male (45°)			
306-0193	1	Cover, Stop Solenoid Plunger			
518-0218	2	Ring, Retaining - Stop Solenoid Plunger Cover			
306-0242	1	Screw, Stop Solenoid Adjusting			
134-2253	1	Housing, Blower			

SPECIAL PARTS LIST FOR **MODEL** DJB-MS **SPEC** 2422V  
 FOR STANDARD PARTS REFER TO **CATALOG** 967-0251 **KEY NO.** -  
 OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
Option - 1		Flywheel Alternator (WICO)			
Option - 3		Control (Engine)			
103-0366	1	Gearcase Assembly (Refer To Standard Gearcase For Components)			
191-0918	1	Stator Assembly (Refer To Optional Stator For Components)			
134-2255	1	Housing, Blower			

SPECIAL PARTS LIST FOR MODEL DJB-MS SPEC 2445V  
 FOR STANDARD PARTS REFER TO CATALOG 967-0251 KEY NO. -  
 OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
Option - 1		Flywheel Alternator (WICO)			
Option - 9		Low Oil Pressure Cut Off			
103-0366	1	Gearcase Assembly (Refer To Standard Gearcase For Components)			
191-0918	1	Stator Assembly (Refer To Optional Stator For Components)			
134-2255	1	Housing, Blower			
150-1099	1	Arm Assembly, Governor			
320-0104	1	Limiter, Cranking			
304-0217	1	Resistor, Fixed (1 Ohm, 10 Watt)			

SPECIAL PARTS LIST FOR **MODEL** DJB-MS **SPEC** 2450V  
 FOR STANDARD PARTS REFER TO **CATALOG** 967-0251 **KEY NO.** -  
 OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
Option - 1		Flywheel Alternator (WICO)			
Option - 3		Control (Engine)			
Option - 5		Variable Speed Governor			
		Control (1,200 To 2,500 RPM)			
103-0366	1	Gearcase Assembly (Refer To Standard Gearcase For Components)			
134-2253	1	Housing, Blower			

SPECIAL PARTS LIST FOR **MODEL** DJB-MS **SPEC** 2453S  
 FOR STANDARD PARTS REFER TO **CATALOG** 967-0251 **KEY NO.** -  
 OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
Option - 5		Variable Speed Governor Control (1,200 To 2,500 RPM)			
309-0169	1	Switch, Low Oil Pressure			
502-0053	1	Elbow, Street - Low Oil Pressure Switch (45°)			
502-0058	1	Tee, Street Pipe - Low Oil Pressure Switch			
140-0645	1	Adapter, Air Cleaner To Air Intake Manifold			
134-1357	1	Housing, Blower			
Parts Not Furnished By Onan Air Cleaner					



SPECIAL PARTS LIST FOR **MODEL** DJBM-MS **SPEC** 2475S  
 FOR STANDARD PARTS REFER TO **CATALOG** 967-0251 **KEY NO.** -  
 OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
Option - 1		Flywheel Alternator (WICO)			
Option - 5		Variable Speed Governor Control (1,200 To 2,500 RPM)			
Option - 7		Air Shutter			
103-0366	1	Gearcase Assembly (Refer To Standard Gearcase For Components)			
140-0645	1	Adapter, Air Cleaner To Air Intake Manifold			
134-2253	1	Housing, Blower			
Parts Not Furnished By Onan Air Cleaner					

SPECIAL PARTS LIST FOR MODEL DJB-MS SPEC 2515S  
 FOR STANDARD PARTS REFER TO CATALOG 967-0251 KEY NO. -  
 OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
Option - 9		Low Oil Pressure Cut Off			
104-0451	1	Crankshaft			
134-1431	1	Wheel, Blower			
104-0798	1	Flywheel (Includes Parts Marked *)			
104-0557	1	*Hub, Flywheel			
115-0150	4	*Nut, Lock - Flywheel To Hub			
104-0543	4	*Spacer And Washer Assembly - Flywheel To Hub			
104-0423	1	*Gear, Ring - Flywheel			
505-0014	1	Coupling, Pipe (1/2")			
505-0002	1	Nipple, Pipe (1/2" X 3" Lg.)			
154-0695	1	Manifold, Exhaust			
154-0133	1	Gasket, Exhaust Manifold Adapter			
155-0170	1	Adapter, Exhaust Manifold			
403-0825	1	Bracket, Lifting			
502-0058	1	Tee, Street Pipe - Low Oil Pressure Switch			
150-1082	1	Stud, Governor Adjusting			
150-1107	1	Bracket, Governor			
134-1416	1	Cover, Governor Bracket			
306-0158	1	Bracket, Stop Solenoid			
520-0624	1	Stud, Battery Lead			
134-1325	1	Housing, Blower			
134-1109	1	Shroud, Cylinder Air (#1 Cylinder)			
134-1337	1	Shroud, Cylinder Air (#2 Cylinder)			
134-1328	1	Wrapper, Cylinder Shroud			
134-0944	2	Spring, Cylinder Shroud Wrapper			
134-1327	1	Cover, Cylinder Shroud			
134-1461	1	Cover, Nozzle - Rear			
134-1462	1	Cover, Nozzle - Front			
134-1463	2	Spacer, Cylinder Shroud Cover			
508-0109	2	Grommet, Rubber (1" Hole)			
134-1085	1	Support, Blower Housing			
134-1584	1	Scroll, Air Discharge (Includes Guard)			
134-3081	1	Guard, Scroll Outlet			
320-0104	1	Limit, Cranking			
304-0217	1	Resistor, Fixed (1 Ohm, 10 Watt)			

SPECIAL PARTS LIST FOR MODEL DJB-MS SPEC 2522V  
 FOR STANDARD PARTS REFER TO CATALOG 967-0251 KEY NO. -  
 OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
Option - 1		Flywheel Alternator (WICO)			
Option - 3		Control (Engine)			
Option - 5		Variable Speed Governor Control (1,200 To 2,500 RPM)			
103-0366	1	Gearcase Assembly (Refer To Standard Gearcase For Components)			
309-0177	1	Switch, Low Oil Pressure			
503-0053	1	Elbow, Street - Low Oil Pressure Switch (45°)			
502-0058	1	Tee, Street Pipe - Low Oil Pressure Switch			
134-2253	1	Housing, Blower			

SPECIAL PARTS LIST FOR **MODEL** DJBM-MS **SPEC** 2528V  
 FOR STANDARD PARTS REFER TO **CATALOG** 967-0251 **KEY NO.** -  
 OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
Option - 1		Flywheel Alternator (WICO)			
Option - 3		Control (Engine)			
Option - 5		Variable Speed Governor Control (1,200 To 2,500 RPM)			
104-0451	1	Crankshaft			
103-0366	1	Gearcase Assembly (Refer To Standard Gearcase For Components)			
309-0177	1	Switch, Low Oil Pressure			
502-0058	1	Tee, Street Pipe - Low Oil Pressure Switch			
502-0053	1	Elbow, Street - Low Oil Pressure Switch (45°)			
140-0645	1	Adapter, Air Cleaner To Air Intake Manifold			
134-2253	1	Housing, Blower			
Parts Not Furnished By Onan Air Cleaner					

SPECIAL PARTS LIST FOR **MODEL** DJB-MF **SPEC** 2563V  
 FOR STANDARD PARTS REFER TO **CATALOG** 967-0251 **KEY NO.** -  
 OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
Option - 1		Flywheel Alternator (WICO)			
Option - 11		Twin Disc Clutch			
103-0366	1	Gearcase Assembly (Refer To Standard Gearcase For Components)			
150-1099	1	Arm Assembly, Governor			
134-2255	1	Housing, Blower			

SPECIAL PARTS LIST FOR MODEL DJB-MF SPEC 2586V  
 FOR STANDARD PARTS REFER TO CATALOG 967-0251 KEY NO. -  
 OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
Option - 5		Variable Speed Governor Control (1,200 To 2,500 RPM)			
Option - 9		Low Oil Pressure Cut Off			
Option - 11		Twin Disc Clutch			
403-0825	1	Bracket, Lifting			
502-0058	1	Tee, Street Pipe - Low Oil Pressure Switch			
134-2255	1	Housing, Blower			
304-0217	1	Resistor, Fixed (1 Ohm, 10 Watt)			
320-0104	1	Limiter, Cranking			

SPECIAL PARTS LIST FOR **MODEL** DJB-MS **SPEC** 2587V  
 FOR STANDARD PARTS REFER TO **CATALOG** 967-0251 **KEY NO.** -  
 OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
Option - 1		Flywheel Alternator (WICO)			
Option - 3		Control (Engine)			
Option - 5		Variable Speed Governor Control (1,200 To 2,500 RPM)			
103-0366	1	Gearcase Assembly (Refer To Standard Gearcase For Components)			
309-0177	1	Switch, Low Oil Pressure			
502-0058	1	Tee, Street Pipe - Low Oil Pressure Switch			
502-0053	1	Elbow, Street - Low Oil Pressure Switch (45°)			
134-2253	1	Housing, Blower			

SPECIAL PARTS LIST FOR MODEL DJB-MF SPEC 2605V  
 FOR STANDARD PARTS REFER TO CATALOG 967-0251 KEY NO. -  
 OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
Option - 1		Flywheel Alternator (WICO)			
Option - 3		Control (Engine)			
Option - 5		Variable Speed Governor Control (1,200 To 2,500 RPM)			
Option - 11		Twin Disc Clutch			
103-0366	1	Gearcase Assembly (Refer To Standard Gearcase For Components)			
309-0177	1	Switch, Low Oil Pressure			
502-0058	1	Tee, Street Pipe - Low Oil Pressure Switch			
502-0053	1	Elbow, Street - Low Oil Pressure Switch (45°)			
134-2253	1	Housing, Blower			



SPECIAL PARTS LIST FOR MODEL DJB-MF SPEC 2032V  
 FOR STANDARD PARTS REFER TO CATALOG 967-0251 KEY NO. -  
 OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
Option - 1		Flywheel Alternator (WICO)			
104-0451	1	Crankshaft			
140-0645	1	Adapter, Air Cleaner To Air Intake Manifold			
103-0366	1	Gearcase Assembly (Refer To Standard Gearcase For Components)			
134-2255	1	Housing, Blower			
190-0251	1	Housing, Clutch			
190-0253	1	Flange, Adapter - Clutch			
190-0254	1	Washer, Flat - Adapter Flange			
515-0006	1	Key, Woodruff - Adapter Flange			
Parts Not Furnished By Onan					
Air Cleaner					

SPECIAL PARTS LIST FOR MODEL DJB-MS SPEC 2037V  
 FOR STANDARD PARTS REFER TO CATALOG 967-0251 KEY NO. -  
 OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
Option - 1		Flywheel Alternator (WICO)			
Option - 3		Control (Engine)			
103-0366	1	Gearcase Assembly (Refer To Standard Gearcase For Components)			
309-0177	1	Switch, Low Oil Pressure			
502-0058	1	Tee, Street Pipe - Low Oil Pressure Switch			
502-0053	1	Elbow, Street - Low Oil Pressure Switch (45°)			
134-2255	1	Housing, Blower			

SPECIAL PARTS LIST FOR MODEL DJB-MF SPEC 2662V  
 FOR STANDARD PARTS REFER TO CATALOG 967-0251 KEY NO. -  
 OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
Option - 1		Flywheel Alternator (WICO)			
Option - 3		Control (Engine)			
Option - 5		Variable Speed Governor Control (1,200 To 2,500 RPM)			
Option - 11		Twin Disc Clutch			
103-0366	1	Gearcase Assembly (Refer To Standard Gearcase For Components)			
309-0177	1	Switch, Low Oil Pressure			
502-0058	1	Tee, Street Pipe - Low Oil Pressure Switch			
502-0053	1	Elbow, Street - Low Oil Pressure Switch (45°)			
134-2253	1	Housing, Blower			

SPECIAL PARTS LIST FOR **MODEL** DJB-MS **SPEC** 2723V  
 FOR STANDARD PARTS REFER TO **CATALOG** 967-0251 **KEY NO.** -  
 OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
Option - 3		Control (Engine)			
Option - 5		Variable Speed Governor Control (1,200 To 1,800 RPM)			
309-0177	1	Switch, Low Oil Pressure			
502-0058	1	Tee, Street Pipe - Low Oil Pressure Switch			
502-0053	1	Elbow, Street - Low Oil Pressure Switch (45°)			
134-1357	1	Housing, Blower			

SPECIAL PARTS LIST FOR **MODEL** DJB-MS **SPEC** 2844V  
 FOR STANDARD PARTS REFER TO **CATALOG** 967-0251 **KEY NO.** -  
 OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
Option - 1		Flywheel Alternator (WICO)			
Option - 3		Control (Engine)			
Option - 5		Variable Speed Governor Control (1,200 To 2,500 RPM)			
103-0366	1	Gearcase Assembly (Refer To Standard Gearcase For Components)			
309-0177	1	Switch, Low Oil Pressure			
502-0058	1	Tee, Street Pipe - Low Oil Pressure Switch			
502-0053	1	Elbow, Street - Low Oil Pressure Switch (45°)			
134-2253	1	Housing, Blower			
140-0645	1	Adapter, Air Cleaner To Air Intake Manifold			
Parts Not Furnished By Onan Air Cleaner					

SPECIAL PARTS LIST FOR **MODEL** DJB-MS **SPEC** 2858V  
 FOR STANDARD PARTS REFER TO **CATALOG** 967-0251 **KEY NO.** -  
 OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
104-0451	1	Crankshaft			
140-0645	1	Adapter, Air Cleaner To Air Intake Manifold			
150-1099	1	Arm Assembly, Governor			
150-1492	1	Bracket Assembly, Governor			
150-1495	1	Arm, Switch - Governor			
150-1146	1	Screw, Switch Arm Adjusting			
308-0358	1	Switch, Micro - Governor			
153-0014	1	Nut, Wire Stop - Governor			

SPECIAL PARTS LIST FOR **MODEL** DJB-MF **SPEC** 2961V  
 FOR STANDARD PARTS REFER TO **CATALOG** 967-0251 **KEY NO.** -  
 OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
Option - 1		Flywheel Alternator (WICO)			
Option - 3		Control (Engine)			
Option - 11		Twin Disc Clutch			
102-0503	1	Base, Oil			
102-0558	1	Heater, Oil Base			
103-0366	1	Gearcase Assembly (Refer To Standard Gearcase For Components)			
150-1099	1	Arm Assembly, Governor			
134-2292	1	Housing, Blower			

SPECIAL PARTS LIST FOR **MODEL** DJB-MS **SPEC** 3051V  
 FOR STANDARD PARTS REFER TO **CATALOG** 967-0251 **KEY NO.** -  
 OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
Option - 7		Air Shutter			
Option - 9		Low Oil Pressure Cut Off			
502-0058	1	Tee, Street Pipe - Low Oil Pressure Switch			
304-0217	1	Resistor, Fixed (1 Ohm, 10 Watt)			
320-0104	1	Limiter, Cranking			



SPECIAL PARTS LIST FOR **MODEL** DJB-MF **SPEC** 3067V  
FOR STANDARD PARTS REFER TO **CATALOG** 967-0251 **KEY NO.** -  
OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
Option - 3		Control (Engine)			
Option - 11		Twin Disc Clutch			

SPECIAL PARTS LIST FOR MODEL DJB-MS SPEC 3070V  
 FOR STANDARD PARTS REFER TO CATALOG 967-0251 KEY NO. -  
 OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
Option - 3		Control (Engine)			
Option - 6		Two Speed Governor Control (1,200 To 2,500 RPM)			
309-0177	1	Switch, Low Oil Pressure			
502-0058	1	Tee, Street Pipe - Low Oil Pressure Switch			
502-0053	1	Elbow, Street - Low Oil Pressure Switch (45°)			
134-2253	1	Housing, Blower			

SPECIAL PARTS LIST FOR **MODEL** DJB-MF **SPEC** 3117V  
 FOR STANDARD PARTS REFER TO **CATALOG** 967-0251 **KEY NO.** -  
 OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
Option - 9		Low Oil Pressure Cut Off			
Option - 11		Twin Disc Clutch			
140-0645	1	Adapter, Air Cleaner To Air Intake Manifold			
502-0058	1	Tee, Street Pipe - Low Oil Pressure Switch			
304-0217	1	Resistor, Fixed (1 Ohm, 10 Watt)			
320-0104	1	Limiter, Cranking			
Parts Not Furnished By Onan Air Cleaner					

SPECIAL PARTS LIST FOR **MODEL** DJB-MF **SPEC** 3172V  
 FOR STANDARD PARTS REFER TO **CATALOG** 967-0251 **KEY NO.** -  
 OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
Option - 1		Flywheel Alternator (WICO)			
Option - 3		Control (Engine)			
Option - 11		Twin Disc Clutch			
103-0366	1	Gearcase Assembly (Refer To Standard Gearcase For Components)			
150-1099	1	Arm Assembly, Governor			
309-0177	1	Switch, Low Oil Pressure			
502-0058	1	Tee, Street Pipe - Low Oil Pressure Switch			
502-0053	1	Elbow, Street - Low Oil Pressure Switch (45°)			
134-2255	1	Housing, Blower			

SPECIAL PARTS LIST FOR **MODEL** DJB-MS **SPEC** 3188V  
 FOR STANDARD PARTS REFER TO **CATALOG** 967-0251 **KEY NO.** -  
 OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
Option - 3		Control (Engine)			
309-0177	1	Switch, Low Oil Pressure			
502-0058	1	Tee, Street Pipe - Low Oil Pressure Switch			
502-0053	1	Elbow, Street - Low Oil Pressure Switch (45°)			

SPECIAL PARTS LIST FOR MODEL DJB-MS SPEC 3225V  
 FOR STANDARD PARTS REFER TO CATALOG 967-0251 KEY NO. -  
 OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
Option - 3		Control (Engine)			
Option - 5		Variable Speed Governor			
		Control (1,200 To 1,800 RPM)			
309-0177	1	Switch, Low Oil Pressure			
502-0058	1	Tee, Street Pipe - Low Oil Pressure Switch			
502-0053	1	Elbow, Street - Low Oil Pressure Switch (45°)			
134-1357	1	Housing, Blower			

SPECIAL PARTS LIST FOR **MODEL** DJB-MS **SPEC** 3228V  
 FOR STANDARD PARTS REFER TO **CATALOG** 967-0251 **KEY NO.** -  
 OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
Option - 1		Flywheel Alternator (WICO)			
Option - 3		Control (Engine)			
Option - 6		Two Speed Governor Control (1,200 To 2,500 RPM)			
191-0918	1	Stator Assembly (Refer To Optional Stator For Components)			
103-0366	1	Gearcase Assembly (Refer To Standard Gearcase For Components)			
309-0177	1	Switch, Low Oil Pressure			
502-0058	1	Tee, Street Pipe - Low Oil Pressure Switch			
502-0053	1	Elbow, Street - Low Oil Pressure Switch (45°)			
134-2253	1	Housing, Blower			
134-1804	1	Duct, Air Discharge			
140-0645	1	Adapter, Air Cleaner To Air Intake Manifold			
Parts Not Furnished By Onan Air Cleaner					

SPECIAL PARTS LIST FOR **MODEL** DJB-MS **SPEC** 3295V  
 FOR STANDARD PARTS REFER TO **CATALOG** 967-0251 **KEY NO.** -  
 OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
Option - 1		Flywheel Alternator (WICO)			
Option - 3		Control (Engine)			
Option - 5		Variable Speed Governor Control (1,200 To 2,500 RPM)			
103-0366	1	Gearcase Assembly (Refer To Standard Gearcase For Components)			
309-0177	1	Switch, Low Oil Pressure			
502-0058	1	Tee, Street Pipe - Low Oil Pressure Switch			
502-0053	1	Elbow, Street - Low Oil Pressure Switch (45°)			
134-2253	1	Housing, Blower			
134-1804	1	Duct, Air Discharge			



SPECIAL PARTS LIST FOR **MODEL** DJB-MF **SPEC** 3662V  
 FOR STANDARD PARTS REFER TO **CATALOG** 967-0251 **KEY NO.** -  
 OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
Option - 1		Flywheel Alternator (WICO)			
Option - 3		Control (Engine)			
Option - 11		Twin Disc Clutch			
110-2941	1	Head Assembly, Cylinder (Refer To Standard Cylinder Head For Components, Except Parts Marked *)			
110-1869	2	*Guide, Valve - Intake			
110-1870	2	*Guide, Valve - Exhaust			
110-1871	2	Valve, Intake			
103-0366	1	Gearcase Assembly (Refer To Standard Gearcase For Components)			
309-0177	1	Switch, Low Oil Pressure			
502-0058	1	Tee, Street Pipe - Low Oil Pressure Switch			
502-0053	1	Elbow, Street - Low Oil Pressure Switch (45°)			
134-2255	1	Housing, Blower			